(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 11 December 2003 (11,12,2003)

PCT

(10) International Publication Number WO 03/101978 A1

- (51) International Patent Classification?: C67D 333/38, 333/16, 333/18, 333/22, 409/12, 409/06, 333/34, 413/04, 409/04, A61K 31/381, 31/401, 31/41, 31/4245, A61P 19/10
- (21) International Application Number: PCT/US03/14539
- (22) International Filing Date: 22 May 2003 (22.05.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(39) Priority Data: 60/384,151

29 May 2002 (29.05.2002) US

- (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY {US/US}: Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DAHNKE, Karl, Robert [US/US]; 5160 Rocky Cay Court, Carmel, IN 46033 (US). GAJEWSKI, Robert, Peter [US/US]; 1501 Friendship Drive, Indianapolis, IN 46217 (US). JONES, Charles, David [US/US]; 223 East Brunswick Avenue, Indianapolis, IN 46227 (US). LINEBARGER, Jared, Harris [US/US]; 5723 Kingsley Drive, Indianapolis, IN 46220 (US). LU, Jianliang [CN/US]; 11921 Castlestone Drive, Fishers, IN 46038 (US). MA, Tianwei [CN/US]; 5676 Sapphire Drive, Carmel, IN 46033 (US). NAGPAL, Sunit [US/US]; 5258 Comanche Trail, Carmel, IN 46033 (US). SIMARD, Todd, Parker [US/US]; 14375 Leland Muse, Fishers, IN 46038 (US). YEE, Ying, Kwong [US/US]; 5127 Briarstone Trace, Carmel, IN 46033 (US). BUNEL, Emilio, Earique [CL/US]; 2991 Topaz Lane, Carmel, IN 46032 (US). STITES, Ryan, Edward [US/US]; 3406 H Admar Court, Indianapolis, IN 46205 (US).
- (74) Agents: BENJAMIN, Roger, S et al.: Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

......

- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, FE (utility model), EE, ES, FI (utility model), H, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TI, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, TT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CE, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FL, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MY, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAP1 patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, Mt, MR, NE, SN, TD, TG)
- -- of inventorship (Rule 4.17(tv)) for US only

Published:

- ···· with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

3/101978 A

(54) TRIC: PRENYL-THIOPHENE TYPE VITAMIN D RECEPTOR MODULATORS

(57) Abstract: The present invention relates to novel, non-secontential, phenyl-thiophene compounds with vitamin D receptor (VDR) modulating activity that are less hyperculcemic than 1α,25 dihydroxy vitamin D3. These compounds are useful for treating bone disease and psoriasis.

PHENYL-THIOPHENE TYPE VITAMIN D RECEPTOR MODULATORS

5

CROSS REFERENCE TO RELATED APPLICATIONS

This patent application claims the benefit of priority under Title 35 United States Code, section 119(e), of Provisional Patent Application No. 60/384,151 filed May 29, 2002; the disclosure of which is incorporated herein by reference.

10

15

20

25

30

BACKGROUND OF THE INVENTION

Vitamin D₃ Receptor (VDR) is a ligand dependent transcription factor that belongs to the superfamily of nuclear hormone receptors. The VDR protein is 427 amino acids, with a molecular weight of ~50 kDa. The VDR ligand, 1α ,25-dihydroxyvitamin D₃ (the hormonally active form of Vitamin D) has its action mediated by its interaction with the nuclear receptor known as Vitamin D receptor ("VDR"). The VDR ligand, 1α ,25-dihydroxyvitamin D₃ (1α ,25(OH)₂D₃) acts upon a wide variety of tissues and cells both related to and unrelated to calcium and phosphate homeostasis.

The activity of 1α,25-dihydroxyvitamin D3 (1α,25(OH)₂D₃)in various systems suggests wide clinical applications. However, use of conventional VDR ligands is hampered by their associated toxicity, namely hypercalcemia (elevated serum calcium). Currently, 1α,25(OH)₂D₃, marketed as Rocaltrol® pharmaceutical agent (product of Hoffmann-La Roche), is administered to kidney failure patients undergoing chronic kidney dialysis to treat hypocalcemia and the resultant metabolic bone disease. Other therapeutic agents, such as Calcipotriol® (synthetic analog of 1α,25(OH)₂D₃) show increased separation of binding affinity on VDR from hypercalcemic activity.

Recently, chemical modifications of 10,25(OH)₂D₃ have yielded analogs with attenuated calcium mobilization effects (R. Bouillon et. al., Endocrine Rev. 1995, 16, 200-257). One such analog, Dovonex ® pharmaceutical agent (product of Bristol-Meyers Squibb Co.), is currently used in Europe and the United States as a topical treatment for mild to moderate psoriasis (K. Kragballe et. al., Br. J. Dermatol. 1988, 119, 223-230).

Other vitamin D₃ mimics have been described in the publication, <u>Vitamin D</u>

<u>Analogs: Mechanism of Action of Therapeutic Applications</u>, by Nagpal, S.; Lu, J.;

Boehm, M. F., Curr. Med. Chem. 2001, 8, 1661-1679.

Although some degree of separation between the beneficial action and calcium raising (calcemic) effects has been achieved with these VDR ligands, to date the separation has been insufficient to allow for oral administration to treat conditions such as osteoporosis, cancers, leukemias, and severe psoriasis.

One example of a major class of disorder that could benefit from VDR mediated biological efficacy in the absence of hypercalcemia is osteoporosis. Osteoporosis is a systemic disorder characterized by decreased bone mass and microarchitectural deterioration of bone tissue leading to bone fragility and increased susceptibility to fractures of the hip, spine, and wrist (World Health Organization WHO 1994). Osteoporosis affects an estimated 75 million people in the United States, Europe, and Japan.

Within the past few years, several antiresorptive therapies have been introduced. These include bisphosphonates, hormone replacement therapy (HRT), a selective estrogen receptor modulator (SERM), and calcitonins. These treatments reduce bone resorption, bone formation, and increase bone density. However, none of these treatments increase true bone volume nor can they restore lost bone architecture.

Synthetic vitamin D receptor (VDR) ligands with reduced calcemic potential have been synthesized. For example, a class of bis-phenyl compounds stated to mimic 1α, 25-dihydroxyvitamin D₃ is described in US Patent No. 6,218,430 and the article; "Novel nonsecosteroidal vitamin D mimics exert VDR-modulating activities with less calcium mobilization than 1α, 25-Dihydroxyvitamin D₃" by Marcus F. Boehm, et. al., <u>Chemistry & Biology</u> 1999, Vol 6, No. 5, pgs. 265-275.

There remains a need for improved treatments using alternative or improved pharmaceutical agents that mimic 1 α , 25-dihydroxyvitamin D₃ to stimulate bone formation, restore bone quality, and treat other diseases without the attendant disadvantage of hypercalcemia.

5

10

15

20

25

SUMMARY OF THE INVENTION

Novel compounds having a nucleus of formula "(A)" have been found effective as Vitamin D Receptor (VDR) modulators:

5

$$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array}$$

where one of the pair of ring atoms (Q₁,Q₂) is sulfur and the other is carbon and each asterisk mark ("*") is a point of substitution. Compounds of the present invention with VDR modulating activities are represented by formula (I)

10 formula I:

15

20

$$\begin{array}{c|c}
R & R' \\
Q_2 & Q_1 \\
Q_2 & Q_1
\end{array}$$

$$\begin{array}{c|c}
C & C & C & C \\
C &$$

wherein the variables R, R', Q₁, Q₂, R_p, R_T, L_T, L_p, Z_T, and Z_p are as hereinafter defined. The inventors have discovered that compounds described herein display the desirable cell differentiation and antiproliferative effects of 1,25(OH)₂D₃ with reduced calcium mobilization (calcemic) effects.

In another aspect, the present invention is directed towards pharmaceutical compositions containing pharmaceutically effective amounts of compounds of formulae I or a pharmaceutically acceptable salt or prodrug thereof, either singly or in combination, together with pharmaceutically acceptable carriers and/or auxiliary agents.

Another aspect of the invention are novel chemical intermediates suitable for preparing the compounds of Formula I.

Another aspect of the invention is to use the compounds of the invention to treat

/

or prevent disease states responsive to Vitamin D receptor ligands.

Another aspect of the invention is the prevention and treatment of abscess, acne, adhesion, actinic keratosis, alopecia, Alzheimer's disease, autoimmune induced diabetes, bone fracture healing, breast cancer, Crohn's disease, colon cancer, Type I diabetes, host-graft rejection, hypercalcemia, Type II diabetes, leukemia, multiple sclerosis, insufficient sebum secretion, osteomalacia, osteoporosis, insufficient dermal firmness, insufficient' dermal hydration, myelodysplastic syndrome, psoriatic arthritis, prostate cancer, psoriasis, renal osteodystrophy, rheumatoid arthritis, scleroderma, seborrheic dermatitis, skin cancer, systemic lupus crythematosis, ulcerative colitis and wrinkles; by administering to a mammal in need thereof a pharmaceutically effective amount of a compound of Formula I.

Another aspect of the invention is the use of the compounds of Formula I for treating or preventing disease states mediated by the Vitamin D receptor.

15

10

DETAILED DESCRIPTION OF THE INVENTION

I. Definitions:

In accordance with the present invention and as used herein, the following terms are defined to have the following meanings, unless explicitly stated otherwise:

20 The structural formula:

is a substructure of Formula I and represents alternative thiophene substructures, namely;

10

15

20

25

dependent on whether Q1 is sulfur when Q2 is carbon (A1) or Q1 is carbon when Q2 is sulfur (A2).

The term "alkenyl" refers to aliphatic groups wherein the point of attachment is a carbon-carbon double bond, for example vinyl, 1-propenyl, and 1-cyclohexenyl. Alkenyl groups may be straight-chain, branched-chain, cyclic, or combinations thereof, and may be optionally substituted. Suitable alkenyl groups have from 2 to about 20 carbon atoms.

The term "alkoxy" refers to -OR wherein R is an aliphatic or aromatic group which may be optionally substituted. Methoxy, ethoxy, propoxy, butoxy, and phenoxy are examples of alkoxy groups.

The term "alkyl" refers to saturated aliphatic groups including straight-chain, branched-chain, cyclic and any combinations thereof. Alkyl groups may further be divided into "primary", "secondary", and "tertiary" alkyl groups. In primary alkyl groups, the carbon atom of attachment is substituted with zero (methyl) or one organic radical. In secondary alkyl groups, the carbon atom of attachment is substituted with two organic radicals. In tertiary alkyl groups, the carbon atom of attachment is substituted with three organic radicals.

The term "cycloalkyl" includes organic radicals such as cyclopropanyl, cyclobutanyl, and cyclopentyl.

The term, "cycloalkenyl" includes organic radicals such as cyclopropenyl, cyclobutenyl, cyclopentenyl, and cyclohexenyl.

The term, "terminal hydroxyalkyl" is a group selected from 3-methyl-3-hydroxypentyl; 3-ethyl-3-hydroxypentyl; 3-ethyl-3-hydroxy-4-methylpentyl; 3-ethyl-3-hydroxy-4,4-dimethylpentyl; 1-hydroxycycloalkenyl; and 1-hydroxycycloalkyl.

The term, "C₁-C₅ fluoroalkyl" is an alkyl group containing fluorine and includes organic radicals such as -CF₃, -CH₂C, -CH₂F, -CF₂CF₃, -CH₂CF₃, -CH₂CF₃,

-CH2CHF2, and -CH2CH2F, with -CF3 being preferred.

The term, "Active Ingredient" refers to a compound of the invention represented by any of (i) formulae I, II, III, IV, (ii) the product of any example set out herein, or (iii) a compound identified in any row of Tables 1, 2, 3, or 4; or a salt or prodrug derivative of the preceding compound.

The abbreviation, "Me" means methyl.

The abbreviation, "Et" means ethyl.

The abbreviation, "iPr" means 1-methylethyl.

The abbreviation, "tBu" means 1,1-dimethylethyl.

The symbol "-(CH2)2- is equivalent to -CH₂-CH₂-.

The symbol, "*" in a structural formula identifies a chiral center (except in formula "A" where is symbolizes substitution).

The univalent symbol "-O" in any structural formula is a hydroxyl group (-OH).

The term, "3-methyl-3-hydroxypentyl" refers to the radical having the structural

15 formula:

5

The term, "3-methyl-3-hydroxypentenyl" refers to the radical having the structural formula:

The term, "3-methyl-3-hydroxypentynyl" refers to the radical having the structural formula:

The term, "3-ethyl-3-hydroxypentyl" refers to the radical having the structural formula:

The term, "3-ethyl-3-hydroxypentenyl" refers to the radical having the structural formula:

The term, "3-ethyl-3-hydroxypentynyl" refers to the radical having the structural formula:

The term, "3-ethyl-3-hydroxy-4-methylpentyl" refers to the radical having the structural formula:

The term, "3-ethyl-3-hydroxy-4,4-dimethylpentyl" refers to the radical having the structural formula:

The term, "3-methyl-3-hydroxy-4,4-dimethylpentyl" refers to the radical having the structural formula:

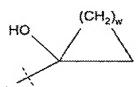
The term, "1-hydroxycycloalkenyl" refers to a radical selected from 1-hydroxycyclopentenyl, 1-hydroxycyclohexenyl,

5 1-hydroxycycloheptenyl, or 1-hydroxycyclooctenyl.

The term "hydroxycycloalkyl" refers to a radical having the general structural formula:

where w is an integer from 1 to 6 and the hydroxyl radical is substituted on any ring carbon atom.

The term "1-hydroxycycloalkyl" refers to a radical having the general structural formula:



15

Examples of 1-hydroxycycloalkyl radicals are

1-hydroxycyclopropyl, 1-hydroxycyclobutyl, 1-hydroxycyclopentyl,

1-hydroxycyclohexyl, 1-hydroxycycloheptyl, and 1-hydroxycyclooctyl.

The abbreviation, "Me" means methyl.

20 The abbreviation, "Et" means ethyl.

The abbreviation, "iPr" means 1-methylethyl.

The abbreviation, "tBu" means 1,1-dimethylethyl.

The abbreviation, "3Me3OH-Pentyl" means 3-methyl-3-hydroxypentyl.

The abbreviation, "3Me3OH-Pentenyl" means 3-methyl-3-hydroxypentynyl

The abbreviation, "3Me3OH-Pentynyl" means 3-methyl-3-hydroxypentynyl

The abbreviation, "3Et3OH-Pentyl" means 3-ethyl-3-hydroxypentyl.

10

15

20

25

The abbreviation, "3Et3OH-Pentenyl" means 3-ethyl-3-hydroxypentenyl
The abbreviation, "3Et3OH-Pentynyl" means 3-ethyl-3-hydroxypentynyl
The abbreviation, "3Et3OH4Me-Pentyl" means 3-ethyl-3-hydroxy-4-methylpentyl.
The abbreviation, "3Et3OH44DiMe-Pentyl" means 3-ethyl-3-hydroxy-4,4-dimethylpentyl.

The abbreviation, "3Me3OH44DiMe-Pentyl" means 3-methyl-3-hydroxy-4,4-dimethylpentyl.

The term "C₁-C₅ alkyl" is an alkyl substituent selected from the group consisting of: methyl; ethyl; propyl; 1-methylethyl; 1-methylpropyl; 2-methylpropyl; 1,1-dimethylpropyl; 1,2-dimethylpropyl; and 2,2-dimethylpropyl. The preferred groups are 2-methylpropyl and 1,1-dimethylethyl, with the 1,1-dimethylethyl group being most preferred.

The symbol "- $(C_1$ - C_5 alkyl)₂" when included as part of a substituent group means two independently selected C_1 - C_5 alkyl groups, for example, the generic formula:

 $-(C_1-C_5 \text{ alkyl})-NH-(C_1-C_5 \text{ alkyl})_2$

would be descriptive of species including;

-(C₁-C₅ alkyl)-NH-(CH₃)₂ or -(C₁-C₅ alkyl)-NH-(CH₃)(C₂H₅)

The term "amide" refers to derivatives of acids wherein one or more hydroxyl groups is replaced with a amino groups. The amino groups are optionally substituted with one or two organic radicals which may be aliphatic or aromatic. Arnides may be cyclic. The term "carboxamide" refers to an amide of a carboxylic acid. The term "aminocarbonyl" refers to carboxamide radicals wherein the point of attachment is the carbonyl carbon. The term "acylamido" refers to carboxamide radicals wherein the point of attachment is the nitrogen atom.

The term, "amine", includes primary, secondary and tertiary amines having respectively one, two, or three organic groups that are attached to the nitrogen atom.

The symbol, "-C(O)-N-pyrrolidine" refers to the radical represented by the formula:

The symbol, "-C(O)-N-pyrrolidin-2-one" refers to the radical represented by the formula:

The symbol, "-C(O)-C(O)-N-pyrrolidine" refers to the radical represented by the formula:

The symbol, "-C(O)-C(O)-N-pyrrolidin-2-one" refers to the radical represented by the formula:

The symbol, "-CH₂-C(O)-N-pyrrolidin-2-one is the organic radical represented by the structural formula:

The dotted line symbol crossing a solid line representing a bond

means that the bond so marked is the bond attached to the nucleus of formula

"(A)" of the parent molecule or to a divalent linking group that is attached to the nucleus

of the parent molecule. For example, the group;

is attached to a parent aryl-thiophene nucleus to provide a compound of the invention as shown;

The term, "(Acidic Group)" means an organic group that acts as a proton donor capable of hydrogen bonding. Illustrative of an (Acidic Group) is a group selected from the following:

-5-tetrazolyl,

10

5

or corresponding salts of the above acids (e.g., Na, K, Ca, or Mg).

The term, "mammal" includes humans.

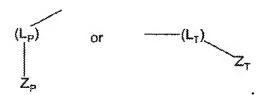
The term, "combined group" refers to the pendent binary groups of linkers, -(L)-, and Z substituents represented in formula I by either of:

10

15

20

25



The term "ester" refers to compounds wherein a hydroxy group of an acid is replaced with an alkoxide group. For example, a carboxylic ester is one in which the hydroxy group of a carboxylic acid is replaced with an alkoxide. Esters may derive from any acid comprising one or more hydroxy groups: for example, carbonic acid, carbamic acids, phosphonic acids, sulfonic acids, and boronic acids. The terms "alkoxycarbonyl" and "carboalkoxy" refer to carboxylic ester radicals wherein the point of attachment is the carbonyl carbon.

The term "halo" refer to fluorine, chlorine, bromine, and iodine.

The term "substituted" indicate that the group in question is substituted with from one or a plurality of independently selected conventional organic substituents such as acyl, acyloxy, alkenyl, alkoxy, alkyl, amino, aminocarbonyl, aryl, , carboxy, halo, hydroxy, oxa, oxo, perhaloalkyl, perhaloaryl, phosphino, phosphinyl, phosphonyl, sulfinyl, sulfonyl, thia, thio, and combinations and protected derivatives thereof.

The term "pharmaceutically acceptable salt" includes salts of the compounds of the present invention derived from the combination of the compound and an organic or inorganic acid or base. In practice, acidic members of the compounds of formulae I and II would be combined with a base or bases, basic members of the compounds of formulae I and II would be combined with an acid or acids, and members of the compounds of formulae I and II with both acid and base functionalities would be combined with one or more acids, bases or any combination thereof. Both the neutral and salt forms fall within the scope of the present invention. Examples of cationic salts are sodium, aluminum, zinc, potassium, calcium, magnesium and ammonium.

The word "abscess" is a complication often associated with surgery, trama, or diseases that predispose the host to abscess formation from encapsulated bacteria lymphocytes, macrophages, and etc.

The word "adhesion" refers to the abnormal union of surfaces normally separate by the formulation of new fibrous tissue resulting from an inflammatory

process.

The term, "combined groups" refers to the groups in Formula I represented by either of the groups

$$(L_p) \quad \text{and} \quad +-(L_T) \quad Z_T$$

S

The term, "urethane" refers to the radical:

10

wherein each R_U is independently hydrogen or C_1 - C_8 alkyl, for example, methyl, ethyl, n-propyl, and isopropyl.

The term, "thiourethane refers to the radical:

wherein RU is hydrogen or C₁-C₈ alkyl., for example, methyl, ethyl, n-propyl, and isopropyl.

Some of the structural formulae used herein omit depiction of hydrogen atoms. For example, the formula:

is understood to be the equivalent of the formula:

The term, "urethane-type radical" refers to either urethane or thiourethane radicals.

5

10

Definitions IA: Rule of Polarity and Lipophilicity for Substituents pendant on the compounds of the invention:

The substituents Lp, L_T, Zp, and Z_T pendant on the compounds of the invention are constrained both by (i) the identity of each substituent, and (ii) the polar or lipophilic nature of each substituent. The occurance of "polar" and "lipophilic" is to be done in accord with the following Rule:

RULE: The combined groups in formula I, II, III, IV and V represented by

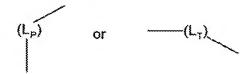
$$\begin{bmatrix} L_p \\ L_p \end{bmatrix}, \quad \begin{bmatrix} L_p \\ L_T \end{bmatrix}, \quad \begin{bmatrix} L_T \\ L_T \end{bmatrix}$$

may all be lipophilic, or one may be lipophilic and the other one polar; but both combined groups may not be polar. If any part of a combined group is polar, then the "combined group" itself is deemed polar. For example, in the group

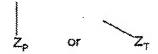
if the divalent linking group -(Lp)- is the polar group, -C(O)-NH- and Zp is the lipophilic 20 group, -CH₂-CH₂-(t-butyl); then the combined group is defined as "polar."

Definitions IB: Definition of "Polar" and "Lipophilic"

The term "lipophilic group" refers to any linking group



5 or any of the Z substituents



that is hydrophobic, preferring or attracted to a hydrocarbon loving, non-aqueous environment. Lipophilic linking groups in the practice of the invention are

a bond , $-(CH_2)_m$, $-(CH_2)_m$, $-(CH_2)_m$, or $-(CH_2)_m$ $-(CH_2)_m$ $-(CH_2)_m$, or $-(CH_2)_m$, $-(CH_2)_m$, -(C

10

where m is 0, 1, or 2, and each R40 is independently hydrogen, -CH₃, -F, -CH₂F, -CHF₂, and -CF₃. All other exemplified linking groups are polar.

Generally all linking groups containing only hydrocarbon subunit groups or hydrocarbon subunit groups in combination with ether or thioether groups are lipophilic.

15 Moreover, fluorinated derivatives of such groups are considered lipophilic.

Lipophilic Z_T or Zp groups in the practice of the invention are partially

15

exemplified by

-O- CH_2 -C(O)- C_1 - C_5 alkyl,

-O-CH2-CH(OH)- C1-C5alkyl,

-O-CH2-C(CH3)(OH)-C1-C5alkyl,

-O-CH2-CH(OCH3)-C1-C5alkyl,

-O-CH(CH₃)-C(O)-C₁-C₅alkyl

-O-CH(CH3)-CH(OH)-C1-C5alkyl,

-O-CH2-C(O)-C(CH3)2-C1-C5alky,I

-O-CH2-CH(OH)-C(CH3)2-C1-C5alkyl,

-O-CH2-C(O)-C1-C5alkyl, 10

-O-CH2-CH(OH)-C1-C5alkyl,

-O-CH2-CH(OCH3)-C1-C5alkyl,

-CH2-CH2-C(O)-C1-C5alkyl,

-CH2-CH2-CH(OH)-C1-C5alkyl,

-CH2-CH2-CH(OCH3)-C1-C5alkyl,

-CH2-C(O)- C1-C5alkyl,

-CH2-CH(OH)-C1-C5alkyl,

-CH2-C(CH3)(OH)-C1-C5alkyl,

-CH(CH₃)-C(O)-C₁-C₅alkyl,

20 -CH(CH₃)-CH(OH)-C₁-C₅alkyl,

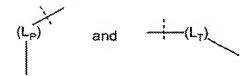
-CH(CH₃)-C(CH₃)(OH)-C₁-C₅alkyl,

10

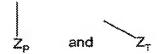
15

1-hydroxycyclopentenyl,
1-hydroxycyclohexenyl,
1-hydroxycycloactenyl,
1-hydroxycycloactenyl,
1-hydroxycyclopropyl,
1-hydroxycyclopentyl,
1-hydroxycyclopentyl,
1-hydroxycyclohexyl,
1-hydroxycycloheptyl,
and
1-hydroxycyclooctyl.

Conversely, the term "polar group" refers to any linking group



that is not a lipophilic group. The term "polar group" also refers to any Z substituent .



that is not a lipophilic group. The term, "polar" as used herein generally refers to chemical substituents that are hydrophilic, preferring or attracted to an aqueous environment. An example of a polar linking group is a linking group selected from the following:

where m is 0, 1, or 2 and R40 is as previously defined.

Exemplary polar Z_T or Z_P groups in the practice of the invention are depicted by the following formulae:

II. Compounds of the Invention:

The compounds of the invention are Vitamin D Receptor Modulators represented by formula I or a pharmaceutically acceptable salt or prodrug derivative thereof:

10

-23-

$$\begin{array}{c|c}
R & R' \\
\hline
Q_2 & Q_1 \\
\hline
Z_p & R_T
\end{array}$$
(1)

wherein;

5

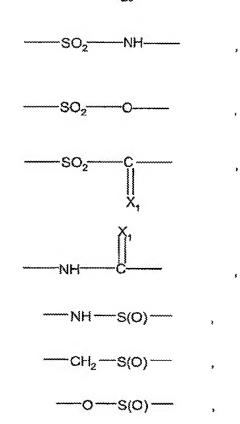
10

R and R' are independently C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, or together R and R' form a substituted or unsubstituted, saturated or unsaturated carbocyclic ring having from 3 to 8 carbon atoms;

Ring atoms Q_1 and Q_2 are independently selected from carbon or sulfur, with the proviso that one atom is sulfur and the other atom is carbon;

Rp and R_T are independently selected from the group consisting of hydrogen, halo, C_1 - C_5 alkyl, C_1 - C_5 fluoroalkyl, -O- C_1 - C_5 alkyl, -S- C_1 - C_5 alkyl, -O- C_1 - C_5 fluoroalkyl, -CN, -NO₂, acetyl, -S- C_1 - C_5 fluoroalkyl, C_2 - C_5 alkenyl, C_3 - C_5 cycloalkyl, and C_3 - C_5 cycloalkenyl;

(Lp) and (LT) are divalent linking groups independently selected from the group consisting of



where m is 0, 1 or 2, X_1 is oxygen or sulfur, and each R40 is independently hydrogen or C_1 - C_5 alkyl or C_1 - C_5 fluoroalkyl;

 Z_P and Z_T are independently selected from

-hydrogen,
-phenyl,
-benzyl,
-fluorophenyl,
-(C1-C5 alkyl),
-(C2-C5 alkenyl),
-(C3-C5 cycloalkyl),
-(C3-C5 cycloalkenyl),
-(C1-C5 hydroxyalkyl),
-(C1-C5 fluoroalkyl),
-(C1-C5 alkyl)-phenyl,

```
-(C1-C5 alkyl)-O-(C1-C5) alkyl,
                                          -(C1-C5 alkyl)-NH2
                                          -(C<sub>1</sub>-C<sub>5</sub> alkyl)-NH-(C<sub>1</sub>-C<sub>5</sub> alkyl),
                                          -(C1-C5 alkyl)-N-(C1-C5 alkyl)2.
                                          -(C1-C5 alkyl)-C(O)-NH2.
 5
                                          -(C1-C5 alkyl)-C(O)-NH-(C1-C5 alkyl),
                                          -(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-N-(C<sub>1</sub>-C<sub>5</sub> alkyl)<sub>2</sub>
                                          -(C1-C5 alkyl)-C(O)-(C1-C5 alkyl),
                                          -(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl),
                                          -(C1-C5 alkyl)-N-pyrrolidin-2-one,
10
                                          -(C1-C5 alkyl)-N-pyrrolidine,
                                          -(C1-C5 alkyl)-(1-methylpyrrolidin-2-one-3-yl),
                                          -(C1-C5 alkyl)-C(O)-(O-C1-C5 alkyl),
                                          -(C_1-C_5 \text{ alkyl})-C(O)-OH,
                                          -(C1-C5 alkyl)-5-tetrazolyl,
15
                                          -(C1-C5 alkyl)-P(O)-(O-C1-C5 alkyl)2,
                                          -(C1-C5 alkyl)-SO2-(C1-C5 alkyl),
                                          -(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-NH<sub>2</sub>
                                          -(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl),
                                          -(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-N-(C<sub>1</sub>-C<sub>5</sub> alkyl)<sub>2</sub>
20
                                          -(C1-C5 alkyl)-SO2-(C1-C5 alkyl),
                                          -(C_1-C_5 alkyl)-S(O)-(C_1-C_5 alkyl),
                                          -(C1-C5 alkyl)-S(O)-NH2.
                                          -(C1-C5 alkyl)-S(O)-NH-(C1-C5 alkyl),
                                          -(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl)2.
25
                                          -(C1-C5 alkyl)-S(O)-(C1-C5 alkyl),
                                          -(C1-C5 alkyl)-N(C(O)( C1-C5 alkyl)CH2C(O)OH,
                                          -(C1-C5 alkyl)-N(C(O)( C1-C5 alkyl)CH2C(O) -(C1-C5
                                          alkyl),
30
                                          -CH(OH)-(C<sub>1</sub>-C<sub>5</sub> alkyl)
                                          -CH(OH)-(C2-C5 alkenyl),
```

	-CH(OH)-(C3-C5 cycloalkyl),
-	-CH(OH)-(C3-C5 cyclosikenyi),
	-CH(OH)-(C1-C5 hydroxyalkyl),
	-CH(OH)-(C ₁ -C ₅ fluoroalkyl),
5	-CH(OH)-phenyl
	-CH(OH)-5-tetrazolyl,
	-CH(OH)-(1-methylpyrrolidin-2-one-3-yl),
	-C(0)-(C ₁ -C ₅ alkyl),
10	-C(0)-(C ₁ -C ₅ alkyl)-C(0)OH,
	-C(0)-(C ₁ -C ₅ alkyl)-C(0)(O-C ₁ -C ₅ alkyl),
	-C(O)-(C2-C5 alkenyl),
	-C(O)-(C3-C5 cycloalkyl),
	-C(O)-(C3-C5 cycloalkenyl),
15	-C(0)-(C1-C5 hydroxyalkyl),
	-C(O)-(C ₁ -C ₅ fluoroalkyl),
	-C(O)-(C ₁ -C ₅ alkyl)-phenyl
	-C(O)-O-(C ₁ -C ₅ alkyl),
	-C(O)-O-(C2-C5 alkenyl),
20	-C(O)-O-(C3-C5 cycloalkyl),
	-C(O)-O-(C3-C5 cycloalkenyl),
	-C(O)-O-(C ₁ -C ₅ hydroxyalkyi),
	-C(0)-O-(C ₁ -C ₅ fluoroalkyl),
	-C(O)-O-(C ₁ -C ₅ alkyl)-phenyl,
25	-C(O)-NH ₂ ,
	-C(O)-NH(OH),
	-C(0)-NH-(C ₁ -C ₅ alkyl),
	$-C(O)-N-(C_1-C_5 \text{ alkyl})_{2,}$
	-C(0)-NH-(C2-C5 alkenyl),
30	-C(O)-NH-(C3-C5 cycloalkyl),
	-C(O)-NH-(C3-C5 cycloalkenyl),
	-C(O)-NH-(C1-C5 fluoroalkyl),

	-C(O)-NH-(C ₁ -C ₅ alkyl)-phenyl,
	-C(O)-NH-SO ₂ -(C ₁ -C ₅ alkyl),
	-C(O)-NH-SO ₂ -(C ₂ -C ₅ alkenyl),
	-C(O)-NH-SO ₂ -(C ₃ -C ₅ cycloalkyl),
5	-C(O)-NH-SO ₂ -(C3-C ₅ cycloalkenyl),
	-C(O)-NH-S(O)-(C ₁ -C ₅ alkyl),
	-C(O)-NH-S(O)-(C2-C5 alkenyl),
	-C(O)-NH-S(O)-(C3-C5 cycloalkyl),
	-C(O)-NH-S(O)-(C3-C5 cycloalkenyl),
10	-C(O)-NH-(C1-C5 fluoroalkyl),
	-C(O)-NH-(C1-C5 alkyl)-phenyl
	-C(O)-NH-(C ₁ -C ₅ aikyl)-SO ₂ -(C ₁ -C ₅ aikyl),
	-C(O)-NH-(C1-C5 alkyl)-S(O)-(C1-C5 alkyl),
	-C(O)-NH-CH ₂ -C(O)OH
15	-C(O)-NH-CH ₂ -C(O)-(O-C ₁ -C ₅ alkyl),
	-C(O)-N-(C ₁ -C ₅ alkyl)(C(O)OH),
	$-C(O)-N-(C_1-C_5 \text{ alkyl})(C(O)-(O-C_1-C_5 \text{ alkyl})),$
	-C(O)-NH-CH((CH2)(CO ₂ H))(CO ₂ H),
	-C(O)-NH-CH((CH2)(C(O)-(C ₁ -C ₅ alkyl)))(C(O)-(O-C ₁ -
20	C ₅ alkyl)),
	-C(O)-NH-CH((CH ₂ OH)(CO ₂ H)),
	-C(O)-NH-CH((CH ₂ OH)(C(O)(O-C ₁ -C ₅ alkyl)),
	-C(O)-NH-C((C ₁ -C ₅ alkyl)(C ₁ -C ₅ alkyl))(CO ₂ H),
	-C(O)-NH-C((C ₁ -C ₅ alkyl)(C ₁ -C ₅ alkyl))(C(O)-(O-C ₁ -C ₅
25	alkyl)),
	-C(O)-NH-5-tetrazolyl,
	-C(O)-N-pyrrolidin-2-one,
	-C(O)-N-pyrrolidine,
	-C(O)-(1-methylpyrrolidin-2-one-3-yl),
30	-C(O)-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one,
	-C(O)-(C ₁ -C ₅ alkyl)-N-pyrrolidine,
	-C(O)-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),

	-C(O)-N-pyrrolidin-2-(CO ₂ H),
	-C(O)-N-pyrrolidin-2-(C(O)-(O-C ₁ -C ₅ alkyl)),
	-C(O)-N-(C(O)-(C ₁ -C ₅ alkyl))CH2)(CO ₂ H),
	$-C(O)-N-(C(O)-(C_1-C_5 \ alkyl))CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_2)(C(O)-(O-C_1-C_5 \ alkyl)CH_$
5	alkyl)),
	-C(O)-N-(C ₁ -C ₅ alkyl))CH ₂ (CO ₂ H),
	-C(O)-C(O)-OH,
• •	-C(O)-C(O)-(C ₁ -C ₅ alkyl),
·	-C(O)-C(O)-(C2-C5 alkenyl),
10	-C(O)-C(O)-(C3-C5 cycloalkyl),
	-C(O)-C(O)-(C3-C5 cycloalkenyl),
	-C(O)-C(O)-(C ₁ -C ₅ hydroxyalkyl),
	-C(O)-C(O)-(C1-C5 fluoroalkyl),
	-C(O)-C(O)-(C1-C5 alkyl)-phenyl,
15	-C(O)-C(O)-NH ₂ ,
	-C(O)-C(O)- NH-(C ₁ -C ₅ alkyl),
•	-C(O)-C(O)- N-(C ₁ -C ₅ alkyl) _{2,}
	-C(O)-C(O)-5-tetrazolyl,
	-C(O)-C(O)-N-pyrrolidin-2-one,
20	-C(O)-C(O)-N-pyrrolidine,
	-C(O)-C(O)-(1-methylpyrrolidin-2-one-3-yl),
	-O-(C ₁ -C ₅ alkyl),
	-O-(C2-C5 alkenyl),
25	-O-(C3-C5 cycloalkyl),
	-O-(C3-C5 cycloalkenyl),
	-O-(C ₁ -C ₅ hydroxyalkyl),
	-O-(C ₁ -C ₅ fluoroalkyl),
	-O-(C ₁ -C ₅ aikyi)-phenyi,
30	-O-(C_1 - C_5 alkyl)-(O)-(C_1 - C_5 alkyl),
	-O-(C ₁ -C ₅ alkyl) NH _{2,}
	-O-(C_1 - C_5 alkyl)-NH-(C_1 - C_5 alkyl) ₂ ,

-O-(C ₁ -C ₅ alkyl)-C(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-C(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-C(O)-OH, 5 -O-(C ₁ -C ₅ alkyl)-C(O)-NH-5-tetrazolyl, -O-(C ₁ -C ₅ alkyl)-C(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(-O-(C ₁ -C ₅ alkyl)-C(O)-NH ₂ ,
-O-{C1-C5 alkyl)-C(O)-OH, -O-(C1-C5 alkyl)-C(O)-NH-5-tetrazolyl, -O-(C1-C5 alkyl)-C(O)-(C1-C5 alkyl), -O-(C1-C5 alkyl)-C(O)-(O-C1-C5 alkyl), -O-(C1-C5 alkyl)-NH2, -O-(C1-C5 alkyl)-NH-(C1-C5 alkyl), -O-(C1-C5 alkyl)-NH-(C1-C5 alkyl), -O-(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-N-pyrrolidin-2-one, -O-(C1-C5 alkyl)-N-pyrrolidine, -O-(C1-C5 alkyl)-N-pyrrolidine-2-one-3-yl), -O-(C1-C5 alkyl)-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-SO2-NH2, -O-(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl), -O-(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl), -O-(C1-C5 alkyl)-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-SO2-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-NH2, -O-(C1-C5 alkyl)-S(O)-NH-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl), -O-(C1-C5 alkyl)-S-tetrazolyl, -O-(C1-C5 alkyl)-S-tetrazolyl, -O-(C1-C5 alkyl), -O-(C0)-NH2, -O-(O)-N-(CH3)2,		-O- $(C_1$ - C_5 alkyl)- $C(O)$ -NH- $(C_1$ - C_5 alkyl),
5		-O-(C ₁ -C ₅ alkyi)-C(O)-N-(C ₁ -C ₅ alkyi) ₂ ,
-O-(C ₁ -C ₅ alkyl)-C(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-N-Pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl),		-O-(C ₁ -C ₅ alkyl)-C(O)-OH,
-O-(C ₁ -C ₅ alkyl)-C(O)-(O-C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH ₂ -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₃ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -NH ₂ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₃ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-(C ₁ -C ₅ alkyl),	5	-O-(C1-C5 alkyl)-C(O)-NH-5-tetrazolyl,
-O-(C ₁ -C ₅ alkyl)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-N-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one-3-yl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl) ₃ ,		-O-(C1-C5 alkyl)-C(O)-(C1-C5 alkyl),
-O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl),		-O-(C ₁ -C ₅ alkyl)-C(O)-(O-C ₁ -C ₅ alkyl),
10 -O-(C ₁ -C ₅ alkyl)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S-(c ₁		-O-(C ₁ -C ₅ alkyl)-NH ₂ ,
-O-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -Co ₂ H, -O-CH ₂ -5-tetrazolyl, -O-CO ₁ -C ₅ alkyl), -O-CO ₁ -N-(C ₁ -C ₅ alkyl), -O-CO ₁ -N-(C ₁ -C ₅ alkyl), -O-CO ₁ -C ₅ alkyl),		-O-(C ₁ -C ₅ alkyl)-NH-(C ₁ -C ₅ alkyl),
-O-(C ₁ -C ₅ alkyl)-N-pyrrolidin-2-one, -O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₃ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-CH ₂ -C ₂ H, -O-CH ₂ -S-tetrazolyl, -O-C(O)-NH ₂ , -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,	10	-O-(C_1 - C_5 alkyl)-N-(C_1 - C_5 alkyl) ₂ ,
-O-(C ₁ -C ₅ alkyl)-N-pyrrolidine, -O-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-CH ₂ -S-tetrazolyl, -O-CH ₂ -S-tetrazolyl, -O-C(O)-NH ₂ , -O-C(O)-NH ₂ ,		-O-(C_1 - C_5 alkyl)-NH-SO ₂ -(C_1 - C_5 alkyl),
-O-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -S-tetrazolyl, -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		-O-(C1-C5 alkyl)-N-pyrrolidin-2-one,
-O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -S-tetrazolyl, -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		-O-(C ₁ -C ₅ alkyl)-N-pyrrolidine,
-O-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-CH ₂ -S-tetrazolyl, -O-CH ₂ -S-tetrazolyl, -O-C(1-C ₅ alkyl), -O-C(0)-NH ₂ , -O-C(0)-N-(CH ₃) ₂ ,		-O- $(C_1$ - C_5 alkyl)- $(1$ -methylpyrrolidin-2-one-3-yl),
-O-(C ₁ -C ₅ alkyl)-SO ₂ -NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-(C ₁ -C ₅ alkyl)-S-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -S-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl),	15	-O-(C_1 - C_5 alkyl)-SO ₂ -(C_1 - C_5 alkyl,)
-O-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl), -O-(O)-NH ₂ , -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		
-O-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl), O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl,) O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, O-CH ₂ -CO ₂ H, O-CH ₂ -S-tetrazolyl, O-(C ₁ -C ₅ alkyl), O-C(O)-NH ₂ , O-C(O)-N-(CH ₃) ₂ ,		$-O-(C_1-C_5 \text{ alkyl})-SO_2-NH-(C_1-C_5 \text{ alkyl}),$
-O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl,) -O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl),		
-O-(C ₁ -C ₅ alkyl)-S(O)-NH ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl),		
-O-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl),	20	
-O-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -S-tetrazolyl, -O-(C ₁ -C ₅ alkyl),		
-O-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl)-P(O)-(O-C ₁ -C ₅ alkyl) ₂ , -O-(C ₁ -C ₅ alkyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-(C ₁ -C ₅ alkyl), -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		
25		
-O-(C ₁ -C ₅ sikyl)-5-tetrazolyl, -O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ sikyl), -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		
-O-CH ₂ -CO ₂ H, -O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,	25	
-O-CH ₂ -5-tetrazolyl, -O-(C ₁ -C ₅ alkyl), -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		
-O-(C ₁ -C ₅ alkyl), -O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		
-O-C(O)-NH ₂ , -O-C(O)-N-(CH ₃) ₂ ,		•
-O-C(O)-N-(CH ₃) ₂ ,		
	30	-
$-O-C(S)-N-(CH_3)_2$,		- ·
		-O-C(S)-N-(CH ₃) ₂ ,

-O-C(O)-O-(C1-C5 alkyl), -O-(5-tetrazolyl), -O-SO₂-(C₁-C₅ alkyl,) -O-SO2-NH2, -O-SO2-NH-(C1-C5 alkyl), 5 $-O-SO_2-N-(C_1-C_5 \text{ alkyl})_2$, -O-S(O)-(C₁-C₅ alkyl,) -O-S(O)-NH2, -O-S(O)-NH-(C1-C5 alkyl), -O-S(O)-N-(C1-C5 alkyl)2, 10 -S-(C₁-C₅ alkyl), -S-(C2-C5 alkenyl), -S-(C3-C5 cycloalkyl), -S-(C3-C5 cycloalkenyl), 15 -S-(C1-C5 fluoroalkyl), -S-(C1-C5 hydroxyalkyl), -S-(C1-C5 alkyl)-phenyl, -S-(C1-C5 alkyl)-O-(C1-C5 alkyl), 30 -S-(C1-C5 alkyl)-C(O)-OH, $-S-(C_1-C_5 \text{ alkyl})-C(O)-(C_1-C_5 \text{ alkyl}),$ $-S-(C_1-C_5 \text{ alkyl})-C(O)-O-(C_1-C_5 \text{ alkyl}),$ -S-(C₁-C₅ alkyl)-C(O)-NH₂ -S-(C1-C5 alkyl)-C(O)-NH-(C1-C5 alkyl), 25 -S-(C₁-C₅ alkyl)-C(O)-N-(C₁-C₅ alkyl)₂ -S-(C1-C5 alkyl) NH2 $-S-(C_1-C_5 \text{ alkyl})-NH-(C_1-C_5 \text{ alkyl}),$ $-S-(C_1-C_5 \text{ alkyl})-N-(C_1-C_5 \text{ alkyl})_2$ -S-(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl), 30 -S-(C1-C5 alkyl)-N-pyrrolidin-2-one, -S-(C₁-C₅ alkyl)-N-pyrrolidine, -S-(C1-C5 alkyl)-(1-methylpyrrolidin-2-one-3-yl),

	$-S-(C_1-C_5 \text{ alkyl})-SO_2-(C_1-C_5 \text{ alkyl}),$
	-S-(C ₁ -C ₅ alkyl)-SO ₂ -NH ₂ ,
	-S-(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl),
	-S-(C ₁ -C ₅ alkyl)-SO ₂ -N-(C ₁ -C ₅ alkyl) ₂ ,
5	-S-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl),
	$-S-(C_1-C_5 \text{ alkyl})-P(O)-(O-C_1-C_5 \text{ alkyl})_2$,
	-S-(C ₁ -C ₅ alkyl)-5-tetrazolyl,
•	-S-(C ₁ -C ₅ alkyl)-S(O)-(C ₁ -C ₅ alkyl),
	-S-(C ₁ -C ₅ alkyl)-S(O)-NH ₂
10	-S-(C ₁ -C ₅ alkyl)-S(O)-NH-(C ₁ -C ₅ alkyl),
	-S-(C ₁ -C ₅ alkyl)-S(O)-N-(C ₁ -C ₅ alkyl) ₂ ,
	$-S-(C_1-C_5 \text{ alkyl})-S(O)-(C_1-C_5 \text{ alkyl}),$
	90 (C. C. Had)
	-SO ₂ -(C ₁ -C ₅ alkyl),
15	-SO ₂ -(C ₂ -C ₅ alkenyl),
	-SO ₂ -(C ₃ -C ₅ cycloalkyl),
•	-SO ₂ -(C ₃ -C ₅ cycloalkenyl),
	-SO ₂ -(C ₁ -C ₅ hydroxyalkyl),
	-SO ₂ -(C ₁ -C ₅ fluoroalkyl),
20	-SO ₂ -(C ₁ -C ₅)-phenyl,
	-SO ₂ -NH ₂
	-SO ₂ -NH-(C ₁ -C ₅ alkyl),
	-SO ₂ -NH-CH ₂ -C(O)OH,
25	-SO ₂ -NH-CH ₂ -C(O)(O-C ₁ -C ₅ alkyl),
	-SO ₂ -NH-(C ₁ -C ₅ alkyl)-C(O)OH,
	-SO ₂ -NH-(C ₁ -C ₅ alkyl)-C(O)(O-C ₁ -C ₅ alkyl),
	-SO ₂ -NHC(O)-(C ₃ -C ₆ cycloalkyl),
30	-SO ₂ -NH-C(O)-(C ₁ -C ₅ alkyl),
	$-SO_2-N-(C_1-C_5 \text{ alkyl})_2$
	-SO ₂ -(C ₁ -C ₅ alkyl)-O-(C ₁ -C ₅ alkyl),
	44 (4) 43 may 4 4 (4) 43 may 33

```
-SO_2-(C_1-C_5 alkyl)-C(O)-(C_1-C_5 alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl) NH<sub>2</sub>
                                                           -SO2-(C1-C5 alkyl)-NH-(C1-C5 alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-N-(C<sub>1</sub>-C<sub>5</sub> alkyl)<sub>2</sub>
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-NH<sub>2</sub>
  5
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-NH-(C<sub>1</sub>-C<sub>5</sub> alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-N-(C<sub>1</sub>-C<sub>5</sub> alkyl)<sub>2</sub>,
                                                           -SO2-(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl),
                                                           -SO2-(C1-C5 alkyl)-N-pyrrolidin-2-one,
                                                           -SO2-(C1-C5 alkyl)-N-pyrrolidine,
10
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-(1-methylpyrrolidin-2-one-3-yl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-O-(C<sub>1</sub>-C<sub>5</sub> alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-C(O)-OH,
                                                           -SO2-(C1-C5 alkyl)-5-tetrazolyl,
15
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-NH<sub>2</sub>
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-NH-(C<sub>1</sub>-C<sub>5</sub> alkyl),
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-N-(C<sub>1</sub>-C<sub>5</sub> alkyl)<sub>2</sub>
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl)-SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> alkyl),
20
                                                           -SO2-(C1-C5 alkyl)-P(O)-(O-C1-C5 alkyl)2,
                                                           -SO2-(C1-C5 alkyl),
                                                           -SO2-(C2-C5 alkenyl),
                                                           -SO2-(C3-C5 cycloalkyl),
                                                           -SO2-(C3-C5 cycloalkenyl),
25
                                                           -SO<sub>2</sub>-(C<sub>1</sub>-C<sub>5</sub> hydroxyalkyl),
                                                           -SO2-(C1-C5 fluoroalkyl),
                                                           -SO2-(C1-C5)-phenyl,
                                                           -SO<sub>2</sub>-N=CHN(C<sub>1</sub>-C<sub>5</sub> alkyl) 2
                                                           -S(O)-NH2.
30
                                                           -S(O)-NH-(C1-C5 alkyl),
                                                           -S(O)-NH-CH2-C(O)OH
```

•	-S(O)-NH-(C ₁ -C ₅ alkyl)-C(O)OH,
	$-S(O)-NH-CH_2-C(O)(O-C_1-C_5$ alkyl),
	-S(O)-NH-(C1-C5 alkyl)-C(O)(O-C1-C5 alkyl),
	-S(O)HC(O)-(C ₃ -C ₆ cycloalkyl),
5	-S(O)-NH-C(O)-(C ₁ -C ₅ alkyl),
	$-S(O)-N-(C_1-C_5 \text{ alkyl})_{2,}$
	-S(O)-(C ₁ -C ₅ alkyl)-O-(C ₁ -C ₅ alkyl),
	-S(O)-(C ₁ -C ₅ alkyl)-C(O)-(C ₁ -C ₅ alkyl),
	-S(O)-(C ₁ -C ₅ alkyl)-C(O)-(O-C ₁ -C ₅ alkyl),
10	$-S(O)-(C_1-C_5 \text{ alkyl})-NH-(C_1-C_5 \text{ alkyl}),$
	$-S(O)-(C_1-C_5 \text{ alkyl})-N-(C_1-C_5 \text{ alkyl})_{2,}$
	$-S(O)-(C_1-C_5 \text{ alkyl})-C(O)-NH_2$
	$-S(O)-(C_1-C_5 \text{ alkyl})-C(O)-NH-(C_1-C_5 \text{ alkyl}),$
	-S(O)-(C ₁ -C ₅ alkyl)-C(O)-N-(C ₁ -C ₅ alkyl) ₂ ,
15	-S(O)-(C ₁ -C ₅ alkyl)-NH-SO ₂ -(C ₁ -C ₅ alkyl),
	$-S(O)-(C_1-C_5 \text{ alkyl})-NH-S(O)-(C_1-C_5 \text{ alkyl}),$
	-S(O)-(C1-C5 alkyl)-N-pyrrolidin-2-one,
	-S(O)-(C ₁ -C ₅ alkyl)-N-pyrrolidine,
	-S(O)-(C ₁ -C ₅ alkyl)-(1-methylpyrrolidin-2-one-3-yl),
30	-S(O)-(C ₁ -C ₅ alkyl)-C(O)-(O-C ₁ -C ₅ alkyl),
	-S(O)-(C ₁ -C ₅ alkyl)-C(O)-OH,
•	-S(O)-(C ₁ -C ₅ alkyl)-5-tetrazolyl,
	$-S(O)-(C_1-C_5 \text{ alkyl})-SO_2-(C_1-C_5 \text{ alkyl}),$
	$-S(O)-(C_1-C_5 \text{ alkyl})-S(O)-(C_1-C_5 \text{ alkyl}),$
25	$-S(O)-(C_1-C_5 \text{ alkyl})-SO_2-NH_2$
	$-S(O)-(C_1-C_5 \text{ alkyl})-S(O)-NH_2$
	$-S(O)-(C_1-C_5 \text{ alkyl})-SO_2-NH-(C_1-C_5 \text{ alkyl}),$
	$-S(O)-(C_1-C_5 \text{ alkyl})-S(O)-NH-(C_1-C_5 \text{ alkyl}),$
	$-S(O)-(C_1-C_5 \text{ alkyl})-SO_2-N-(C_1-C_5 \text{ alkyl})_2$
30	$-S(O)-(C_1-C_5 \text{ alkyl})-S(O)-N-(C_1-C_5 \text{ alkyl})_{2,}$
	-S(O)-(C ₁ -C ₅ alkyl)-SO ₂ -(C ₁ -C ₅ alkyl),
	$-S(O)-(C_1-C_5 \text{ alkyl})-S(O)-(C_1-C_5 \text{ alkyl}),$

 $-S(O)-(C_1-C_5 \text{ alkyl})-P(O)-(O-C_1-C_5 \text{ alkyl})_2$ -S(O)-N=CHN(C₁-C₅ alkyl) 2 -NHC(S)NH2 5 -NHC(S)NH-(C1-C5 alkyl), -NHC(S)N-(C1-C5 alkyl)2, -NHC(S)NH-(C2-C5 alkenyl), -NHC(S)NH-(C3-C5 cycloalkyl), -NHC(S)NH-(C3-C5 cycloalkenyl), 10 -NHC(S)NH-(C1-C5 fluoroalkyl), -NHC(S)NH-C1-C5 hydroxyalkyl, -NHC(S)NH-(C₁-C₅ fluoroalkyl) -NHC(S)NH-phenyl, -NHC(S)NH-(C1-C5 alkyl)-C(O)-OH, 15 -NHC(S)NH-(C_1 - C_5 alkyl)-O-(C_1 - C_5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-C(O)-(C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-C(O)-(O-C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-NH2 -NHC(S)NH-(C1-C5 alkyl)-NH-(C1-C5 alkyl), 20 -NHC(S)NH-(C₁-C₅ alkyl)-N-(C₁-C₅ alkyl)₂ -NHC(S)NH-(C1-C5 alkyl)-C(O)-NH2. -NHC(S)NH-(C_1 - C_5 alkyl)-C(O)-NH-(C_1 - C_5 alkyl), $-NHC(S)NH-(C_1-C_5 alkyl)-C(O)-N-(C_1-C_5 alkyl)_2$ -NHC(S)NH-(C1-C5 alkyl)-NH-SO2-(C1-C5 alkyl), 25 -NHC(S)NH-(C1-C5 alkyl)-NH-S(O)-(C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-N-pyrrolidin-2-one, -NHC(S)NH-(C1-C5 alkyl)-N-pyrrolidine, -NHC(S)NH-(C1-C5 alkyl)-(1-methylpyrrolidin-2-one-3-yl), 30 -NHC(S)NH-(C₁-C₅ alkyl)-5-tetrazolyl, -NHC(S)NH-(C1-C5 alkyl)-SO2-(C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-SO2-NH2

-NHC(S)NH-(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-SO2-N-(C1-C5 alkyl)2. -NHC(S)NH-(C1-C5 alkyl)-S(O)-(C1-C5 alkyl), -NHC(S)NH-(C1-C5 alkyl)-S(O)-NH2. -NHC(S)NH-(C1-C5 alkyl)-S(O)-NH-(C1-C5 alkyl), 5 -NHC(S)NH-(C1-C5 alkyl)-S(O)-N-(C1-C5 alkyl)2. -NHC(S)NH-(C_1 - C_5 alkyl)-P(O)-(O- C_1 - C_5 alkyl)₂, -NHC(O)NH2, -NHC(O)NH-(C1-C5 alkyl), 10 -NHC(O)N-(C1-C5 alkyl)2, -NHC(O)NH-(C2-C5 alkenyl), -NHC(O)NH-(C3-C5 cycloalkyl), -NHC(O)NH-(C3-C5 cycloalkenyl), -NHC(O)NH-(C1-C5 hydroxyalkyl), 15 -NHC(O)NH-(C1-C5 fluoroalkyl), -NHC(O)NH-phenyl, -NHC(O)NH-(C1-C5 alkyl)-NH2. -NHC(O)NH-(C1-C5 alkyl)-NH-(C1-C5 alkyl), -NHC(O)NH-(C1-C5 alkyl)-N-(C1-C5 alkyl)2. 20 -NHC(O)NH-(C1-C5 alkyl)-O-(C1-C5 alkyl), -NHC(O)NH-(C1-C5 alkyl)-NH2 -NHC(O)NH-(C1-C5 alkyl)-NH-(C1-C5 alkyl), -NHC(O)NH-(C1-C5 alkyl)-N-(C1-C5 alkyl)2. -NHC(O)NH-(C1-C5 alkyl)-C(O)-NH2. 25 -NHC(O)NH-(C1-C5 alkyl)-C(O)-NH-(C1-C5 alkyl), -NHC(O)NH-(C1-C5 alkyl)-C(O)-N-(C1-C5 alkyl)2. -NHC(O)NH-(C1-C5 alkyl)-C(O)-(C1-C5 alkyl), -NHC(O)NH- $(C_1-C_5 \text{ alkyl})$ -NH-SO₂- $(C_1-C_5 \text{ alkyl})$, -NHC(O)NH-(C1-C5 alkyl)-N-pyrrolidin-2-one, 30 -NHC(O)NH-(C1-C5 alkyl)-N-pyrrolidine, -NHC(O)NH-(C1-C5 alkyl)-

(1-methylpyrrolidin-2-one-3-yl),

-NHC(O)NH-(C1-C5 alkyl)-C(O)-OH,

-NHC(O)NH-(C1-C5 alkyl)-C(O)-O-(C1-C5 alkyl),

-NHC(O)NH-(C1-C5 alkyl)-5-tetrazolyl,

-NHC(O)NH-(C1-C5 alkyl)-SO2-(C1-C5 alkyl),

-NHC(O)NH-(C1-C5 alkyl)-SO2-NH2.

-NHC(0)NH-(C1-C5 alkyl)-SO2-NH-(C1-C5 alkyl),

-NHC(O)NH-(C1-C5 alkyl)-SO2-N-(C1-C5 alkyl)2.

-NHC(O)NH-(C_1 - C_5 alkyl)-P(O)-O-(C_1 - C_5 alkyl)₂,

-NH2

-NH-(C1-C5 alkyl),

-NH-CH2-C(O)OH,

-N-(C1-C5 alkyl)2,

-NH-C(O)-NH2,

-NH-C(O)-NH-(C1-C5 alkyl),

-NH-C(0)-N-(C1-C5 alkyl)2.

-NH-C(O)-(C1-C5 alkyl),

-NH-SO₂-(C₁-C₅ alkyl),

-NH-S(O)-(C_1 - C_5 alkyl),

-N(CH₃)(OCH₃),

 $-N(OH)(CH_3),$

-N-pyrrolidin-2-one,

-N-pyrrolidine,

-(1-methylpyrrolidin-2-one-3-yl),

→ OH

5

10

15

20

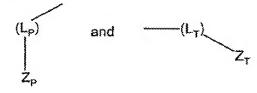
1-hydroxycyclopentenyl,

1-hydroxycyclohexenyl,

5

1-hydroxycycloheptenyl, 1-hydroxycyclooctenyl, 1-hydroxycyclopropyl, 1-hydroxycyclobutyl, 5 1-hydroxycyclopentyl, 1-hydroxycyclohexyl, 1-hydroxycycloheptyl, 1-hydroxycyclooctyl, -5-tetrazolyl, 10 -carboxyl, -OH, -1, -Br -Cl F, 15 -CHO, -NO2, -CN, sulfonamide, sulfinamide, 20 urethane-type radical, and

provided that the combined groups of formula I represented by



(Acidic Group);

25

may both be lipophilic, or either one may be lipophilic and the other one polar; but both combined groups may not be polar.

Preferred compounds of the invention are represented by formula (II) or a pharmaceutically acceptable salt or prodrug derivative thereof:

$$\begin{array}{c|c}
R & R' \\
\hline
 & S \\
\hline
 & (L_T) \\
\hline
 & Z_T
\end{array}$$
(II)

5 wherein;

10

R and R' are independently methyl, ethyl, propyl, 1-methylethyl, 1-methylpropyl, 2-methylpropyl, or 1,1-dimethylethyl;

Rp and R_T are independently selected from the group consisting of hydrogen, fluoro, -CF₃, -CH₂F, -CHF₂, -CH₂Cl, methoxy, ethoxy, vinyl, methyl, ethyl, propyl, cyclopropyl, 1-methylethyl, butyl, 1-methylpropyl, 2-methylpropyl, or 1,1-dimethylethyl;

 $\ \ L_{T}$ and $\ \ L_{P}$ are independently selected from one the following divalent linking group;

Zp is selected from

10

15

1-hydroxycyclopentenyl,

1-hydroxycyclohexenyl,

1-hydroxycycloheptenyl,

1-hydroxycyclooctenyl,

1-hydroxycyclopropyl,

. -2 -2 -1 -1 -1 -2 -3 -3

1-hydroxycyclobutyl,

1-hydroxycyclopentyl,

1-hydroxycyclohexyl,

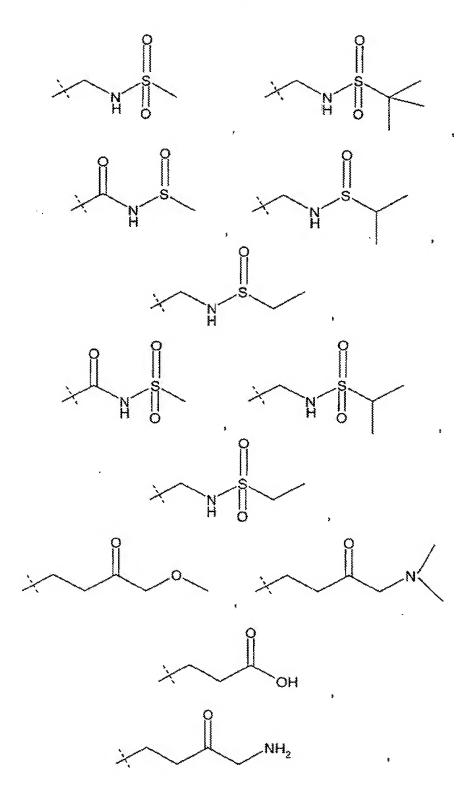
1-hydroxycycloheptyl,

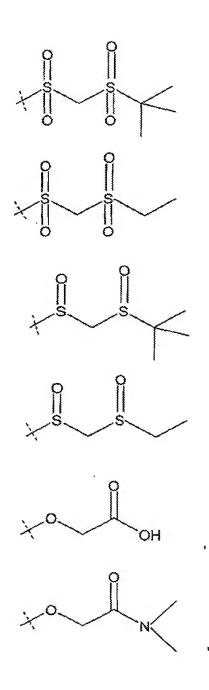
and

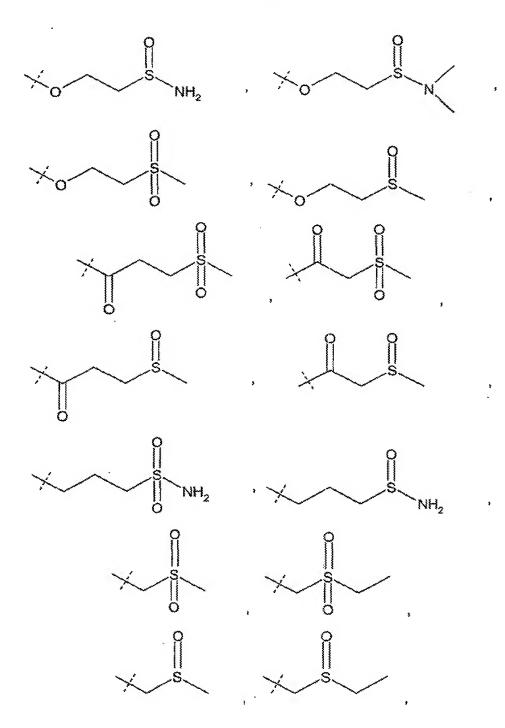
1-hydroxycyclooctyl.

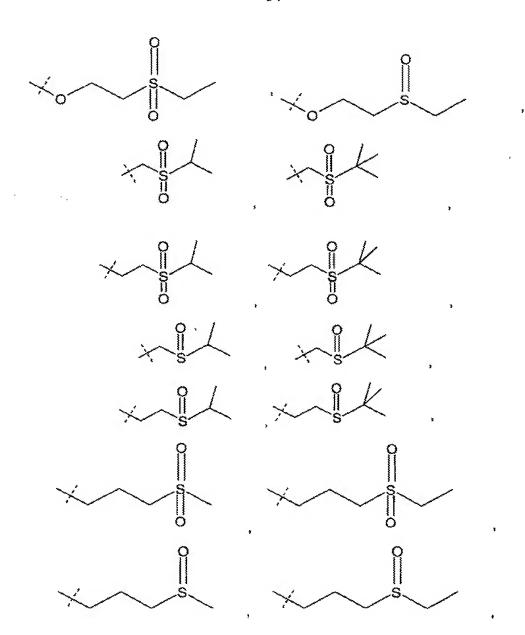
Z_T is a group represented by one of the structural formulae:

.....

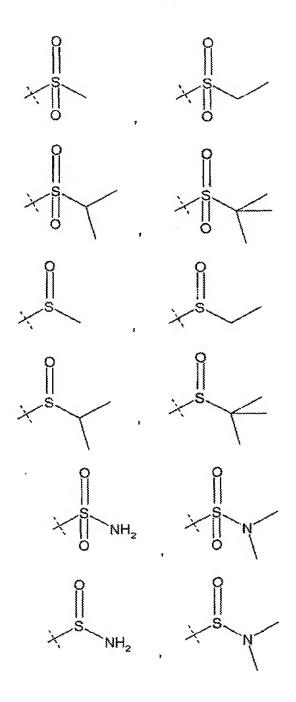


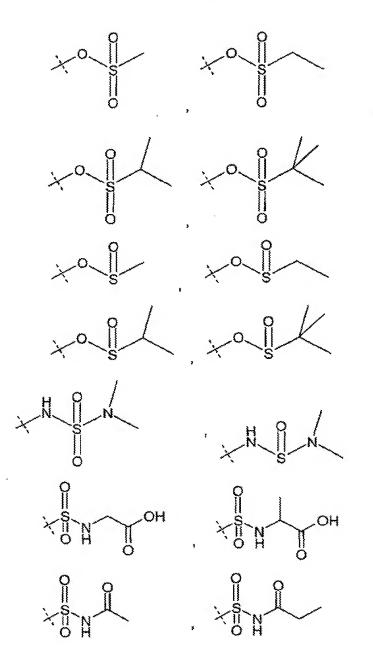






E





provided that the combined groups of formula I represented by

10

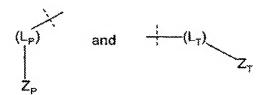
$$(L_p)$$
 and $+(L_T)$ Z_T

5 may both be lipophilic, or either one may be lipophilic and the other one polar; but both groups may not be polar.

Preferred compounds of the invention are also those represented by the formula III or a pharmaceutically acceptable salt or produg derivative thereof:

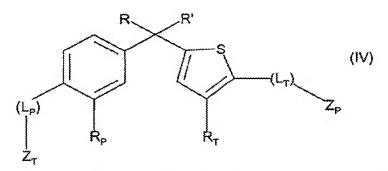
$$\begin{array}{c|c} R & R' \\ \hline \\ (L_p) & \\ Z_p & \\ \end{array}$$

wherein the substituents R, R', Rp, RT, Lp, LT, Zp, and ZT are the same as defined for formula II, supra., provided that the combined groups of formula I represented by

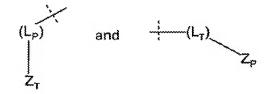


may both be lipophilic, or either one may be lipophilic and the other one polar; but both groups may not be polar.

Preferred compounds of the invention are also those represented by the formula IV or a pharmaceutically acceptable salt or prodrug derivative thereof:



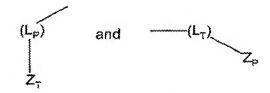
wherein the substituents R, R', Rp, RT, Lp, LT, Zp, and ZT are the same as defined for formula II, supra., provided that the combined groups of formula I represented by



may both be lipophilic, or either one may be lipophilic and the other one polar; but both groups may not be polar.

Preferred compounds of the invention are also those represented by the formula V or a pharmaceutically acceptable salt or prodrug derivative thereof:

wherein the substituents R, R*, Rp, RT, Lp, LT, Zp, and ZT are the same as defined for formula II, supra., provided that the combined groups of formula I represented by



5 may both be lipophilic, or either one may be lipophilic and the other one polar; but both groups may not be polar.

Preferred Substituents of Compounds Represented by Formulae I, II, III, IV, and V:

Particularly preferred compounds of Formulae I thru V are those wherein the divalent linking group, -(L_T)- is a bond, -O-, or -CH₂-.

Particularly preferred compounds of Formulae I thru V are those wherein both R and R' are ethyl.

Particularly preferred compounds of Formulae I thru V are those wherein both Rp and $R\tau$ are methyl.

Particularly preferred salt forms of Formulae I thru V are the potassium or sodium salts.

A particularly preferred C₁-C₅ alkyl group where Zp and/or Z_T contain such group is 1,1-dimethylethyl.

Preferred compounds in useful in practicing the therapeutic methods of the invention as shown in the structural formulae X1 to X188, as follows:

X1)

X2)

X3)

5 X4)

X5)

X9)

X10)

5

X14)

X17)

X19)

5 X20)

X21)

10 X22)

X24)

X26)

X28)

5

X29)

X31)

X32)

X34)

5

X38)

X41)

10

X42)

X45)

5 X46)

X47)

10 X50)

X51)

X52)

of of the second

5 X53)

X54)

X56)

X58)

5 X60)

X62)

X64)

X65)

X66)

5 X69)

X70)

X71)

X72)

X75)

X78)

X81)

5 X83)

10 X86)

WO 03/101978

PCT/US03/14539

-71-

X88)

X91)

5

X92)

To The sound on

10 X93)

X96)

X99)

X102)

X103)

5 X106)

X107)

X110)

10

X111)

X114)

X118)

5 X119)

X122)

X124)

X125)

5 X128)

X130)

10

X131)

X134)

5

X137)

X139)

10

X140)

-77~

X141)

X144)

5

X145)

10 X146)

X147)

15 X148)

X149)

5 X150)

X152)

10 X153)

X154)

-79-

X155)

5 X156)

X157)

10

X158)

X159)

X160)

5 X161)

X162)

10 X163)

X164)

X165)

X166)

5 X169)

X171)

10 X172)

X174)

X175)

5 X176)

X177)

X178)

10 X179)

X183)

X184)

X185)

5

X188) .

10

15

Other specific compounds that are preferred embodiments of this invention and are preferred for for practicing the method of treatment of the invention are set out in the following four Tables. All numbers in the Tables cells reciting chemical species are subscripts, for example, in row, Code 11, Column, W_T, the symbol, "CO2H" is to be understood as the conventional chemical nomenclature, — CO2H —. Each row of Tables

5

1, 2, 3, and 4 is a single compound having an identifying "Code" (e.g., "206", "318A") defining the specific substituents in the structural formula displayed above the Tables, as follows:

Table 1

Code	Lı	Y	Wr
1	C(O)	CH2	-CO2Me
2	СНОН	CH2	`-CO2Me
3	C(Me)OH	CH2	-CO2Me
4	C(O)	CH(Me)	-CO2Me
5	СНОН	CH(Me)	-CO2Me
6	C(Me)OH	CH(Me)	-CO2Me
7	C(O)	CH2	-CO2H
8	СНОН	CH2	-CO2H
9	C(Me)OH	CH2	-CO2H
10	C(O)	CH(Me)	-CO2H
11	СНОН	CH(Me)	-CO2H
12	C(Me)OH	CH(Me)	-CO2H
13	C(O)	CH2	-C(O)NH2
14	СНОН	CH2	-C(O)NH2
15	C(Me)OH	CH2	-C(O)NH2
16	C(O)	CH(Me)	-C(O)NH2
17	СНОН	CH(Me)	-C(O)NH2

18	C(Me)OH	CH(Me)	-C(O)NH2
19	C(O)	CH2	-C(O)NMe2
20	СНОН	CH2	-C(O)NMe2
21	C(Me)OH	CH2	-C(O)NMe2
22	.C(O)	CH(Me)	-C(O)NMe2
23	СНОН	CH(Me)	-C(O)NMe2
24	C(Me)OH	CH(Me)	-C(O)NMe2
25	C(O)	CH2	5-tetrazolyl
26	СНОН	CH2	· 5-tetrazolyl
27	C(Me)OH	CH2	5-tetrazolyl
28	C(O)	CH(Me)	5-tetrazolyl
29	СНОН	CH(Me)	5-tetrazolyi
30	C(Me)OH	CH(Me)	5-tetrażolyl
31	C(O)	CH2	-C(O)-NH-5-tetrazolyl
32	СНОН	CH2	-C(O)-NH-5-tetrazolyl
33	C(Me)OH	CH2	-C(O)-NH-5-tetrazolyl
34	C(O)	CH(Me)	-C(O)-NH-5-tetrazolyl
35	СНОН	CH(Me)	-C(O)-NH-5-tetrazolyl
36	C(Me)OH	CH(Me)	-C(O)-NH-5-tetrazolyl
37	C(O)	CH2	-C(O)NHCH2SO2Me
38	СНОН	CH2	-C(O)NHCH2SO2Me
39	C(Me)OH	CH2	-C(O)NHCH2SO2Me
40	C(O)	CH(Me)	-C(O)NHCH2SO2Me
41	СНОН	CH(Me)	-C(O)NHCH2SO2Me
42	C(Me)OH	CH(Me)	-C(O)NHCH2SO2Me
43	C(O)	CH2	-C(O)NHCH2CH2SO2Me
44	СНОН	CH2	-C(O)NHCH2CH2SO2Me
45	C(Me)OH	CH2	-C(O)NHCH2CH2SO2Me
46	C(O)	CH(Me)	-C(O)NHCH2CH2SO2Me
47	СНОН	CH(Me)	-C(O)NHCH2CH2SO2Me
48	C(Me)OH	CH(Me)	-C(O)NHCH2CH2SO2Me

50 CHOH CH2 -C(O)NHSO2Me 51 C(Me)OH CH2 -C(O)NHSO2Me 52 C(O) CH(Me) -C(O)NHSO2Me 53 CHOH CH(Me) -C(O)NHSO2Me 54 C(Me)OH CH(Me) -C(O)NHSO2Me 55 C(O) CH2 -CH2-C(O)NHSO2Et 56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2ET 62 CHOH CH2 -CH2-C(O)NHSO2ET 63 C(Me)OH CH2 -CH2-C(O)NHSO2ET 64 C(O) CH(Me) -CH2-C(O)NHSO2ET 65 CHOH CH(Me) -CH2-C(O)NHSO2ET 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 67 C(O) CH(Me) -CH2-C(O)NHSO2ET 68 CHO	49	C(O)	CH2	-C(O)NHSO2Me
52 C(O) CH(Me) -C(O)NHSO2Me 53 CHOH CH(Me) -C(O)NHSO2Me 54 C(Me)OH CH(Me) -C(O)NHSO2Me 55 C(O) CH2 -CH2-C(O)NHSO2Et 56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2ET 61 C(O) CH2 -CH2-C(O)NHSO2ET 62 CHOH CH2 -CH2-C(O)NHSO2ET 63 C(Me)OH CH2 -CH2-C(O)NHSO2ET 64 C(O) CH(Me) -CH2-C(O)NHSO2ET 65 CHOH CH(Me) -CH2-C(O)NHSO2ET 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 67 C(O) CH2 -CH2-C(O)NHSO2ET 68 CHOH CH2 -CH2-C(O)NHSO2ET 70 C(O)	50		CH2	-C(O)NHSO2Me
53 CHOH CH(Me) -C(O)NHSO2Me 54 C(Me)OH CH(Me) -C(O)NHSO2Me 55 C(O) CH2 -CH2-C(O)NHSO2Et 56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2EPr 62 CHOH CH2 -CH2-C(O)NHSO2EPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2EPr 64 C(O) CH(Me) -CH2-C(O)NHSO2EPr 65 CHOH CH(Me) -CH2-C(O)NHSO2EPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2EPr 67 C(O) CH2 -CH2-C(O)NHSO2EBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2EBu 70 C(O) CH(Me) -CH2-C(O)NHSO2EBu 71 <td>51</td> <td>C(Me)OH</td> <td>CH2</td> <td>-C(O)NHSO2Me</td>	51	C(Me)OH	CH2	-C(O)NHSO2Me
54 C(Me)OH CH(Me) -C(O)NHSO2Me 55 C(O) CH2 -CH2-C(O)NHSO2Et 56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2EPr 62 CHOH CH2 -CH2-C(O)NHSO2EPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2EPr 64 C(O) CH(Me) -CH2-C(O)NHSO2EPr 65 CHOH CH(Me) -CH2-C(O)NHSO2EPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2EPr 67 C(O) CH2 -CH2-C(O)NHSO2EPr 68 CHOH CH2 -CH2-C(O)NHSO2EPu 69 C(Me)OH CH2 -CH2-C(O)NHSO2EPu 70 C(O) CH(Me) -CH2-C(O)NHSO2EPu 71<	52	C(O)	CH(Me)	-C(O)NHSO2Me
55 C(O) CH2 -CH2-C(O)NHSO2Et 56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 61 C(O) CH2 -CH2-C(O)NHSO2ET 62 CHOH CH2 -CH2-C(O)NHSO2ET 63 C(Me)OH CH2 -CH2-C(O)NHSO2ET 64 C(O) CH(Me) -CH2-C(O)NHSO2ET 65 CHOH CH(Me) -CH2-C(O)NHSO2ET 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 67 C(O) CH2 -CH2-C(O)NHSO2ET 68 CHOH CH2 -CH2-C(O)NHSO2ET 70 C(O) CH(Me) -CH2-C(O)NHSO2ET 71 CHOH CH(Me) -CH2-C(O)NHSO2ET 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 73	53	СНОН	CH(Me)	-C(O)NHSO2Me
56 CHOH CH2 -CH2-C(O)NHSO2Et 57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2EPr 62 CHOH CH2 -CH2-C(O)NHSO2EPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2EPr 64 C(O) CH(Me) -CH2-C(O)NHSO2EPr 65 CHOH CH(Me) -CH2-C(O)NHSO2EPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2EPr 67 C(O) CH2 -CH2-C(O)NHSO2EPu 68 CHOH CH2 -CH2-C(O)NHSO2EPu 69 C(Me)OH CH2 -CH2-C(O)NHSO2EPu 70 C(O) CH(Me) -CH2-C(O)NHSO2EPu 71 CHOH CH(Me) -CH2-C(O)NHSO2EPu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2EPu	54	C(Me)OH	CH(Me)	-C(O)NHSO2Me
57 C(Me)OH CH2 -CH2-C(O)NHSO2Et 58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2EPr 62 CHOH CH2 -CH2-C(O)NHSO2EPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2EPr 64 C(O) CH(Me) -CH2-C(O)NHSO2EPr 65 CHOH CH(Me) -CH2-C(O)NHSO2EPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2EBu 68 CHOH CH2 -CH2-C(O)NHSO2EBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2EBu 70 C(O) CH(Me) -CH2-C(O)NHSO2EBu 71 CHOH CH(Me) -CH2-C(O)NHSO2EBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2EBu 73 C(O) CH2 -CH2-C(O)NHSO2EBu 74 CHOH CH2 -CH2-C(O)NHSO2EBu	55	C(O)	CH2	-CH2-C(O)NHSO2Et
58 C(O) CH(Me) -CH2-C(O)NHSO2Et 59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2iPr 62 CHOH CH2 -CH2-C(O)NHSO2iPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2-NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH(Me) -CH2NHSO2Me 76	56	СНОН	CH2	-CH2-C(O)NHSO2Et
59 CHOH CH(Me) -CH2-C(O)NHSO2Et 60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2iPr 62 CHOH CH2 -CH2-C(O)NHSO2iPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2-C(O)NHSO2iBu 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77	57	C(Me)OH	CH2	-CH2-C(O)NHSO2Et
60 C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61 C(O) CH2 -CH2-C(O)NHSO2iPr 62 CHOH CH2 -CH2-C(O)NHSO2iPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 <	58	C(O)	CH(Me)	-CH2-C(O)NHSO2Et
61 C(O) CH2 -CH2-C(O)NHSO2iPr 62 CHOH CH2 -CH2-C(O)NHSO2iPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 67 C(O) CH2 -CH2-C(O)NHSO2tBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2-C(O)NHSO2tBu 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	59	СНОН	CH(Me)	-CH2-C(O)NHSO2Et
62 CHOH CH2 -CH2-C(O)NHSO2iPr 63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2-C(O)NHSO2iBu 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	60	C(Me)OH	CH(Me)	-CH2-C(O)NHSO2Et
63 C(Me)OH CH2 -CH2-C(O)NHSO2iPr 64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2-C(O)NHSO2iBu 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	61	C(O)	CH2	-CH2-C(O)NHSO2iPr
64 C(O) CH(Me) -CH2-C(O)NHSO2iPr 65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2iBu 68 CHOH CH2 -CH2-C(O)NHSO2iBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2iBu 70 C(O) CH(Me) -CH2-C(O)NHSO2iBu 71 CHOH CH(Me) -CH2-C(O)NHSO2iBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2iBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	62	СНОН	CH2	-CH2-C(O)NHSO2iPr
65 CHOH CH(Me) -CH2-C(O)NHSO2iPr 66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2tBu 68 CHOH CH2 -CH2-C(O)NHSO2tBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	63	C(Me)OH	CH2	-CH2-C(O)NHSO2iPr
66 C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 67 C(O) CH2 -CH2-C(O)NHSO2tBu 68 CHOH CH2 -CH2-C(O)NHSO2tBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	64	C(O)	CH(Me)	-CH2-C(O)NHSO2iPt
67 C(O) CH2 -CH2-C(O)NHSO2tBu 68 CHOH CH2 -CH2-C(O)NHSO2tBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	65	СНОН	CH(Me)	-CH2-C(O)NHSO2iPr
68 CHOH CH2 -CH2-C(O)NHSO2tBu 69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	66	C(Me)OH	CH(Me)	-CH2-C(O)NHSO2iPr
69 C(Me)OH CH2 -CH2-C(O)NHSO2tBu 70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	67	C(0)	CH2	-CH2-C(O)NHSO2tBu
70 C(O) CH(Me) -CH2-C(O)NHSO2tBu 71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	68	СНОН	CH2	-CH2-C(O)NHSO2tBu
71 CHOH CH(Me) -CH2-C(O)NHSO2tBu 72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	69	C(Me)OH	CH2	-CH2-C(O)NHSO2tBu
72 C(Me)OH CH(Me) -CH2-C(O)NHSO2tBu 73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	70	C(O)	CH(Me)	-CH2-C(O)NHSO2tBu
73 C(O) CH2 -CH2NHSO2Me 74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	71	СНОН	CH(Me)	-CH2-C(O)NHSO2tBu
74 CHOH CH2 -CH2NHSO2Me 75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	72	C(Me)OH	CH(Me)	-CH2-C(O)NHSO2tBu
75 C(Me)OH CH2 -CH2NHSO2Me 76 C(O) CH(Me) -CH2NHSO2Me 77 CHOH CH(Me) -CH2NHSO2Me	73	C(O)	CH2	-CH2NHSO2Me
76 C(O) CH(Me) -CH2NHS02Me 77 CHOH CH(Me) -CH2NHS02Me	74	СНОН	CH2	-CH2NHSO2Me
77 CHOH CH(Me) -CH2NHSO2Me	75	C(Me)OH	CH2	-CH2NHSO2Me
	76	C(O)	CH(Me)	-CH2NHSO2Me
78 C(Me)OH CH(Me) -CH2NHSO2Me	77	СНОН	CH(Me)	-CH2NHSO2Me
L and and a control of the control o	78	C(Me)OH	CH(Me)	-CH2NHSO2Me
79 C(O) CH2 -CH2NHSO2Et	79	C(O)	CH2	-CH2NHSO2Et

80	СНОН	CH2	-CH2NHSO2Et
81	C(Me)OH	CH2	-CH2NHSO2Et
82	C(O)	CH(Me)	-CH2NHSO2Et
83	СНОН	CH(Me)	-CH2NHSO2Et
84	C(Me)OH	CH(Me)	-CH2NHSO2Et
85	C(O)	CH2	-CH2NHSO2iPr
86	СНОН	CH2	-CH2NHSO2iPr
87	C(Me)OH	CH2	-CH2NHSO2iPr
88	C(O)	CH(Me)	CH2NHSO2iPr
89	СНОН	CH(Me)	-CH2NHSO2iPr
90	C(Me)OH	CH(Me)	-CH2NHSO2iPr
91	C(O)	CH2	-CH2NHSO2tBu
92	СНОН	CH2	-CH2NHSO2tBu
93	C(Me)OH	CH2	-CH2NHSO2iBu
94	C(O)	CH(Me)	-CH2NHSO2iBu
95	СНОН	CH(Me)	-CH2NHSO2tBu
96	С(Ме)ОН	CH(Me)	-CH2NHSO2tBu
97	C(0)	CH2	-CH2-N-pyrrolidin-2-one
98	СНОН .	CH2	-CH2-N-рутгоlidin-2-one
99	C(Me)OH	CH2	-CH2-N-pyrrolidin-2-one
100	C(O)	CH(Me)	-CH2-N-pyrrolidin-2-one
101	СНОН	CH(Me)	-CH2-N-pyrrolidin-2-one
102	C(Me)OH	CH(Me)	-CH2-N-pyrrolidin-2-one
103	C(O)	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
104	СНОН	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
105	С(Ме)ОН	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
106	C(O)	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
107	СНОН	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
108	C(Me)OH	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
109	C(O)	CH2	-CH2CO2Me
110	СНОН	CH2	-CH2CO2Me

111	C(Me)OH	CH2	-CH2CO2Me
112	C(0)	CH(Me)	-CH2CO2Me
113	СНОН	CH(Me)	· -CH2CO2Me
114	C(Me)OH	CH(Me)	-CH2CO2Me
115	C(O)	CH2	-CH2CO2H
116	СНОН	CH2	-CH2CO2H
117	C(Me)OH	CH2	-CH2CO2H
118	C(O)	CH(Me)	CH2CO2H
119	СНОН	CH(Me)	-CH2CO2H
120	C(Me)OH	CH(Me)	-CH2CO2H
121	C(O)	CH2	-CH2C(O)NH2
122	СНОН	CH2	-CH2C(O)NH2
123	C(Me)OH	CH2	-CH2C(O)NH2
124	C(O)	CH(Me)	-CH2C(O)NH2
125	СНОН	CH(Me)	-CH2C(O)NH2
126	C(Me)OH	CH(Me)	-CH2C(O)NH2
127	C(O)	CH2	-CH2C(O)NMe2
128	СНОН	CH2	-CH2C(O)NMe2
129	С(Ме)ОН	CH2	-CH2C(O)NMe2
130	C(O)	CH(Me)	-CH2C(O)NMe2
131	СНОН	CH(Me)	-CH2C(O)NMe2
132	C(Me)OH	CH(Me)	-CH2C(O)NMe2
133	C(O)	CH2	-CH2C(O)-N-pyrrolidine
134	СНОН	CH2	-CH2C(O)-N-pyrrolidine
135	C(Me)OH	CH2	-CH2C(O)-N-pyrrolidine
136	C(O)	CH(Me)	-CH2C(O)-N-pyrrolidine
137	СНОН	CH(Me)	-CH2C(O)-N-pyrrolidine
138	C(Me)OH	CH(Me)	-CH2C(O)-N-pyrrolidine
139	C(O)	CH2	-CH2-5-tetrazolyl
140	СНОН	CH2	-CH2-5-tetrazolyl
141	C(Me)OH	CH2	-CH2-5-tetrazolyl

144 C 145 146 147 C 148 149 150 C 151 152 153 C	C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O)	CH(Me) CH(Me) CH(Me) CH2 CH2 CH2 CH2 CH(Me) CH(Me) CH(Me) CH(Me) CH2 CH2 CH2 CH2	-CH2-5-tetrazolyl -CH2-5-tetrazolyl -CH2-5-tetrazolyl -CH2-5-tetrazolyl -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH
144 C 145 146 6 147 C 148 149 6 150 C 151 152 6 153 C	(Me)OH C(O) CHOH C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O) CHOH (Me)OH	CH(Me) CH2 CH2 CH2 CH(Me) CH(Me) CH(Me) CH(Me) CH2 CH2 CH2	-CH2-5-tetrazolyl -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH
145 146 6 147 C 148 149 6 150 C 151 152 153 C	C(O) CHOH C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O) CHOH (Me)OH	CH2 CH2 CH2 CH(Me) CH(Me) CH(Me) CH2 CH2 CH2	-C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -CH(OH)C(O)OH
146	CHOH (Me)OH C(O) CHOH C(O) CHOH (Me)OH C(O) CHOH (Me)OH	CH2 CH(Me) CH(Me) CH(Me) CH2 CH2 CH2	-C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -CH(OH)C(O)OH
147 C	(Me)OH C(O) CHOH C(O) CHOH (Me)OH C(O) CHOH (Me)OH	CH2 CH(Me) CH(Me) CH(Me) CH2 CH2 CH2	-C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -C(O)C(O)OH -CH(OH)C(O)OH -CH(OH)C(O)OH
148 149 150 C 151 152 153 C	C(O) CHOH (Me)OH C(O) CHOH (Me)OH C(O)	CH(Me) CH(Me) CH(Me) CH2 CH2 CH2	-C(0)C(0)OH -C(0)C(0)OH -C(0)C(0)OH -CH(0H)C(0)OH -CH(0H)C(0)OH
149 C 150 C 151 152 5 153 C	CHOH (Me)OH C(O) CHOH (Me)OH C(O)	CH(Me) CH(Me) CH2 CH2 CH2	-C(O)C(O)OH -C(O)C(O)OH -CH(OH)C(O)OH -CH(OH)C(O)OH
150 C 151 152 - 153 C	(Me)OH C(O) CHOH (Me)OH C(O)	CH(Me) CH2 CH2 CH2	-C(O)C(O)OH -CH(OH)C(O)OH -CH(OH)C(O)OH
151 152 153 C	C(O) CHOH (Me)OH C(O)	CH2 CH2 CH2	-CH(OH)C(O)OH -CH(OH)C(O)OH
152 ·	CHOH (Me)OH C(O)	CH2 CH2	-CH(OH)C(O)OH
153 C	(Me)OH C(O)	CH2	` ' ' '
	C(0)		WLINGLY WILL
			-СН(ОН)С(О)ОН
154		CH(Me)	-CH(OH)C(O)OH
155	СНОН	CH(Me)	-CH(OH)C(O)OH
156 C	(Me)OH	CH(Me)	-CH(OH)C(O)OH
157	C(O)	CH2	-C(O)C(O)NH2
158	СНОН	CH2	-C(O)C(O)NH2
159 C	(Me)OH	CH2	-C(O)C(O)NH2
160	C(0)	CH(Me)	-C(O)C(O)NH2
161	СНОН	CH(Me)	-C(O)C(O)NH2
162 C	(Me)OH	CH(Me)	-C(O)C(O)NH2
163	C(O)	CH2	-CH(OH)C(O)NH2
164	СНОН	CH2	-CH(OH)C(O)NH2
165 C	(Me)OH	CH2	-CH(OH)C(O)NH2
166	C(0)	CH(Me)	-CH(OH)C(O)NH2
167	СНОН	CH(Me)	-CH(OH)C(O)NH2
168 C	(Me)OH	CH(Me)	-CH(OH)C(O)NH2
169	C(O)	CH2	-C(O)C(O)NMe2
170	СНОН	CH2	-C(O)C(O)NMe2
171 C	(Me)OH	CH2	-C(O)C(O)NMe2
172	C(O)	CH(Me)	-C(O)C(O)NMe2

173	СНОН	CH(Me)	-C(O)C(O)NMe2
174	C(Me)OH	CH(Me)	-C(O)C(O)NMe2
175	C(O)	CH2	-CH(OH)C(O)NMe2
176	СНОН	CH2	-CH(OH)C(O)NMe2
177	C(Me)OH	CH2	-CH(OH)C(O)NMe2
178	C(O)	CH(Me)	-CH(OH)C(O)NMe2
179	СНОН	CH(Me)	-CH(OH)C(O)NMe2
180	C(Me)OH	CH(Me)	-CH(OH)C(O)NMe2
181	C(O)	CH2	-CH2CH2CO2H
182	СНОН	CH2	-CH2CH2CO2H
183	C(Me)OH	CH2	-CH2CH2CO2H
184	C(O)	CH(Me)	-CH2CH2CO2H
185	СНОН	CH(Me)	-CH2CH2CO2H
186	C(Me)OH	CH(Me)	-CH2CH2CO2H
187	C(O)	CH2	-CH2CH2C(O)NH2
188	СНОН	CH2	-CH2CH2C(O)NH2
189	C(Me)OH	CH2	-CH2CH2C(O)NH2
190	C(O)	CH(Me)	-CH2CH2C(O)NH2
191	СНОН	CH(Me)	-CH2CH2C(O)NH2
192	C(Me)OH	CH(Me)	-CH2CH2C(O)NH2
193	C(O)	CH2	-CH2CH2C(O)NMe2
194	СНОН	CH2	-CH2CH2C(O)NMe2
195	C(Me)OH	CH2	-CH2CH2C(O)NMe2
196	C(O)	CH(Me)	-CH2CH2C(O)NMe2
197	СНОН	CH(Me)	-CH2CH2C(O)NMe2
198	C(Me)OH	CH(Me)	-CH2CH2C(O)NMe2
199	C(O)	CH2	-CH2CH2-5-tetrazolyl
200	СНОН	CH2	-CH2CH2-5-tetrazolyl
201	C(Me)OH	CH2	-CH2CH2-5-tetrazolyl
202	C(O)	CH(Me)	-CH2CH2-5-tetrazolyl
203	СНОН	CH(Me)	-CH2CH2-5-tetrazolyl
<u></u>	<u></u>	L	<u> </u>

204	C(Me)OH	CH(Me)	-CH2CH2-5-tetrazolyl
205	C(Me)On	CH2	· ·
	1		-CH2S(O)2Me
206	СНОН	CH2	-CH2S(O)2Me
207	C(Me)OH	CH2	-CH2S(O)2Me
208	C(O)	CH(Me)	-CH2S(O)2Me
209	СНОН	CH(Me)	-CH2S(O)2Me
210	C(Me)OH	CH(Me)	-CH2S(O)2Me
211	C(O)	CH2	-CH2CH2S(O)2Me
212	СНОН	CH2	CH2CH2S(O)2Me
213	C(Me)OH	CH2	-CH2CH2S(O)2Me
214	C(O)	CH(Me)	-CH2CH2S(O)2Me
215	СНОН	CH(Me)	-CH2CH2S(O)2Me
216	C(Me)OH	CH(Me)	-CH2CH2S(O)2Me
217	C(O)	CH2	-CH2CH2CH2S(O)2Me
218	СНОН	CH2	-CH2CH2CH2S(O)2Me
219	C(Me)OH	CH2	-CH2CH2CH2S(O)2Me
220	C(O)	CH(Me)	-CH2CH2CH2S(O)2Me
221	СНОН	CH(Me)	-CH2CH2CH2S(O)2Me
222	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2Me
223	C(O)	CH2	-CH2S(O)2Et
224	СНОН	CH2	-CH2S(O)2Et
225	C(Me)OH	CH2	-CH2S(O)2Et
226	C(O)	CH(Me)	-CH2S(O)2Et
227	СНОН	CH(Me)	-CH2S(O)2Et
228	C(Me)OH	CH(Me)	-CH2S(O)2Et
229	C(O)	CH2	-CH2CH2S(O)2Et
230	СНОН	CH2	-CH2CH2S(O)2Et
231	C(Me)OH	CH2	-CH2CH2S(O)2Et
232	C(O)	CH(Me)	-CH2CH2S(O)2Et
233	СНОН	CH(Me)	-CH2CH2S(O)2Et
234	C(Me)OH	CH(Me)	-CH2CH2S(O)2Et
	1		` '

235	C(O)	CH2	-CH2CH2CH2S(O)2Et
236	СНОН	CH2	-CH2CH2CH2S(O)2Et
237	C(Me)OH	CH2	-CH2CH2CH2S(O)2Et
238	C(O)	CH(Me)	-CH2CH2CH2S(O)2Et
239	СНОН	CH(Me)	-CH2CH2CH2S(O)2Et
240	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2Et
241	C(O)	CH2	-CH2S(O)2iPr
242	СНОН	CH2	-CH2S(O)2iPr
243	C(Me)OH	CH2	-CH2S(O)2iPr
244	C(O)	CH(Me)	-CH2S(O)2iPr
245	СНОН	CH(Me)	-CH2S(O)2iPr
246	C(Me)OH	CH(Me)	-CH2S(O)2iPr
247	C(O)	CH2	-CH2CH2S(O)2iPr
248	СНОН	CH2	-CH2CH2S(O)2iPr
249	C(Me)OH	CH2	-CH2CH2S(O)2iPr
250	C(O)	CH(Me)	-CH2CH2S(O)2iPr
251	СНОН	CH(Me)	-CH2CH2S(O)2iPr
252	C(Me)OH	CH(Me)	-CH2CH2S(O)2iPr
253	C(O)	CH2	-CH2S(O)2tBu
254	СНОН	CH2	-CH2S(O)2tBu
255	C(Me)OH	CH2	-CH2S(O)2tBu
256	C(O)	CH(Me)	-CH2S(O)2tBu
257	СНОН	CH(Me)	-CH2S(O)2tBu
258	C(Me)OH	CH(Me)	-CH2S(O)2tBu
259	C(O)	CH2	-CH2CH2S(O)2tBu
260	СНОН	CH2	-CH2CH2S(O)2tBu
261	C(Me)OH	CH2	-CH2CH2S(O)2tBu
262	C(O)	CH(Me)	-CH2CH2S(O)2tBu
263	СНОН	CH(Me)	-CH2CH2S(O)2tBu
264	C(Me)OH	CH(Me)	-CH2CH2S(O)2tBu
265	C(0)	CH2	-CH2CH2S(O)2NH2

.....

.....

266	СНОН	CH2	-CH2CH2S(O)2NH2
267	C(Me)OH	CH2	-CH2CH2S(O)2NH2
268	C(O)	CH(Me)	-CH2CH2S(O)2NH2
269	СНОН	CH(Me)	-CH2CH2S(O)2NH2
270	C(Me)OH	CH(Me)	-CH2CH2S(O)2NH2
271	C(O)	CH2	-CH2CH2S(O)2NMe2
272	СНОН	CH2	-CH2CH2S(Ö)2NMe2
273	C(Me)OH	CH2	-CH2CH2S(O)2NMe2
274	C(O)	CH(Me)	-CH2CH2S(O)2NMe2
275	СНОН	CH(Me)	-CH2CH2S(O)2NMe2
276	C(Me)OH	CH(Me)	-CH2CH2S(O)2NMe2
277	C(O)	CH2	-C(O)CH2S(O)2Me
278	СНОН	CH2	-C(O)CH2S(O)2Me
279	C(Me)OH	CH2	-C(O)CH2S(O)2Me
280	C(O)	CH(Me)	-C(O)CH2S(O)2Me
281	СНОН	CH(Me)	-C(O)CH2S(O)2Me
282	C(Me)OH	CH(Me)	-C(O)CH2S(O)2Me
283	C(O)	CH2	-C(O)CH2CH2S(O)2Me
284	СНОН.	CH2	-C(O)CH2CH2S(O)2Me
285	C(Me)OH	CH2	-C(O)CH2CH2S(O)2Me
286	C(O)	CH(Me)	-C(O)CH2CH2S(O)2Me
287	СНОН	CH(Me)	-C(O)CH2CH2S(O)2Me
288	C(Me)OH	CH(Me)	-C(O)CH2CH2S(O)2Me
289	C(O)	CH2	-CH2CH2CH2S(O)2NH2
290	СНОН	CH2	-CH2CH2CH2S(O)2NH2
291	C(Me)OH	CH2	-CH2CH2CH2S(O)2NH2
292	C(O)	CH(Me)	-CH2CH2CH2S(O)2NH2
293	СНОН	CH(Me)	-CH2CH2CH2S(O)2NH2
294	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2NH2
295	C(O)	CH2	-S(O)2Me
296	СНОН	CH2	-S(O)2Me

297	C(Me)OH	CH2	-S(O)2Me
298	C(O)	CH(Me)	-S(O)2Me
299	СНОН	CH(Me)	-S(O)2Me
300	C(Me)OH	CH(Me)	-S(O)2Me
301	C(O)	CH2	-S(O)2Et
302	СНОН	CH2	-S(O)2Et
303	C(Me)OH	CH2	-S(O)2Et
304	C(O)	CH(Me)	· -S(O)2Et
305	СНОН	CH(Me)	-S(O)2Et
306	C(Me)OH	CH(Me)	-S(O)2Et
307	C(O)	CH2	-S(O)2iPr
308	СНОН	CH2	-S(O)2iPr
309	C(Me)OH	CH2	-S(O)2iPr
310	C(O)	CH(Me)	-S(O)2iPr
311	СНОН	CH(Me)	-S(O)2iPr
312	C(Me)OH	CH(Me)	-S(O)2iPr
313	C(O)	CH2	-S(O)2tBu
314	СНОН	CH2	-S(O)2tBu
315	C(Me)OH	CH2	-S(O)2tBu
316	C(O)	CH(Me)	-S(O)2tBu
317	СНОН	CH(Me)	-S(O)2tBu
318	C(Me)OH	CH(Me)	-S(O)2tBu
319	C(O)	CH2	-S(O)2NH2
320	СНОН	CH2	-S(O)2NH2
321	C(Me)OH	CH2	-S(O)2NH2
322	C(O)	CH(Me)	-S(O)2NH2
323	СНОН	CH(Me)	-S(O)2NH2
324	C(Me)OH	CH(Me)	-S(O)2NH2
325	C(O)	CH2	-S(O)2NMe2
326	СНОН	CH2	-S(O)2NMe2
327	C(Me)OH	CH2	-S(O)2NMe2

328	C(O)	CH(Me)	-S(O)2NMe2
329	СНОН	CH(Me)	-S(O)2NMe2
330	C(Me)OH	CH(Me)	-S(O)2NMe2
331	C(0)	CH2	-S(O)2CH2S(O)2Me
332	СНОН	CH2	-S(O)2CH2S(O)2Me
333	C(Me)OH	CH2	-S(O)2CH2S(O)2Me
334	C(O)	CH(Me)	-S(O)2CH2S(O)2Me
335	СНОН	CH(Me)	-S(O)2CH2S(O)2Me
336	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2Me
337	C(0)	CH2	-S(O)2CH2S(O)2Et
338	СНОН	CH2	-S(O)2CH2S(O)2Et
339	C(Me)OH	CH2	-S(O)2CH2S(O)2Et
340	C(0)	CH(Me)	-S(O)2CH2S(O)2Et
341	СНОН	CH(Me)	-S(O)2CH2S(O)2Et
342	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2Et
343	C(0)	CH2	-S(O)2CH2S(O)2iPr
344	СНОН	CH2	-S(O)2CH2S(O)2iPr
345	C(Me)OH	CH2	-S(O)2CH2S(O)2iPr
346	C(0)	CH(Me)	-S(O)2CH2S(O)2iPr
347	СНОН	CH(Me)	-S(O)2CH2S(O)2iPr
348	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2iPr
349	C(0)	CH2	-S(O)2CH2S(O)2tBu
350	СНОН	CH2	-S(O)2CH2S(O)2tBu
351	C(Me)OH	CH2	-S(O)2CH2S(O)2tBu
352	C(0)	CH(Me)	-S(O)2CH2S(O)2tBu
353	СНОН	CH(Me)	-S(O)2CH2S(O)2tBu
354	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2tBu
355	C(0)	CH2	-C(O)NHCH2CO2H
356	СНОН	CH2	-C(O)NHCH2CO2H
357	C(Me)OH	CH2	-C(O)NHCH2CO2H
358	C(0)	CH(Me)	-C(O)NHCH2CO2H

359	СНОН	CH(Me)	-C(O)NHCH2CO2H
360	C(Me)OH	CH(Me)	-C(O)NHCH2CO2H
361	C(O)	CH2	-SO2NHCH2CO2H
362	СНОН	CH2	-SO2NHCH2CO2H
363	C(Me)OH	CH2	-SO2NHCH2CO2H
364	C(O)	CH(Me)	-SO2NHCH2CO2H
365	снон	CH(Me)	-SO2NHCH2CO2H
366	C(Me)OH	CH(Me)	-SO2NHCH2CO2H
367	C(O)	CH2	-CH2-S-Me
368	СНОН	CH2	-CH2-S-Me
369	C(Me)OH	CH2	-CH2-S-Me
370	C(O)	CH(Me)	-CH2-S-Me
371	снон	CH(Me)	-CH2-S-Me
372	C(Me)OH	CH(Me)	-CH2-S-Me

Table 2

Code	Li	Y	W _P
1A	C(0)	CH2	-CO2Me
2A	СНОН	CH2	-CO2Me
3A	C(Me)OH	CH2	-CO2Me
4A	C(O)	CH(Me)	-CO2Me
5A	СНОН	CH(Me)	-CO2Me
бA	C(Me)OH	CH(Me)	-CO2Me
7A	C(O)	CH2	-CO2H

8A	СНОН	CH2	-CO2H
9A	C(Me)OH	CH2	-CO2H
10A	C(O)	CH(Me)	-CO2H
11A	СНОН	CH(Me)	-CO2H
12A	C(Me)OH	CH(Me)	-CO2H
13A	C(O)	CH2	-C(O)NH2
14A	СНОН	CH2	-C(O)NH2
15A	C(Me)OH	CH2	-C(O)ŇH2
16A	C(O)	CH(Me)	-C(O)NH2
17A	СНОН	CH(Me)	-C(O)NH2
18A	C(Me)OH	CH(Me)	-C(O)NH2
19A	C(O)	CH2	-C(O)NMe2
20A	СНОН	CH2	-C(O)NMe2
21A	C(Me)OH	CH2	-C(O)NMe2
22A	C(O)	CH(Me)	-C(O)NMe2
23A	СНОН	CH(Me)	-C(O)NMe2
24A	C(Me)OH	CH(Me)	-C(O)NMe2
25A	C(0)	CH2	5-tetrazolyl
26A	снон.	CH2	5-tetrazolyl
27A	C(Me)OH	CH2	5-tetrazolyi
28A	C(O)	CH(Me)	5-tetrazolyl
29A	СНОН	CH(Me)	5-tetrazolyl
30A	C(Me)OH	CH(Me)	5-tetrazolyi
31A	C(O)	CH2	-C(O)-NH-5-tetrazolyl
32A	СНОН	CH2	-C(O)-NH-5-tetrazolyl
33A	C(Me)OH	CH2	-C(O)-NH-5-tetrazolyl
34A	C(O)	CH(Me)	-C(O)-NH-5-tetrazolyl
35A	СНОН	CH(Me)	-C(O)-NH-5-tetrazolyl
36A	C(Me)OH	CH(Me)	-C(O)-NH-5-tetrazolyl
37A	C(O)	CH2	-C(O)NHCH2SO2Me
		CH2	-C(O)NHCH2SO2Me

. .

40A C(O) CH(Me) -C(O)NHCH2SO2Me 41A CHOH CH(Me) -C(O)NHCH2SO2Me 42A C(Me)OH CH(Me) -C(O)NHCH2SO2Me 43A C(O) CH2 -C(O)NHCH2CH2SO2Me 44A CHOH CH2 -C(O)NHCH2CH2SO2Me 45A C(Me)OH CH2 -C(O)NHCH2CH2SO2Me 46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHCH2CH2SO2Me 50A CHOH CH(Me) -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 51A C(Me)OH CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et	
42A C(Me)OH CH(Me) -C(O)NHCH2SO2Me 43A C(O) CH2 -C(O)NHCH2CH2SO2Me 44A CHOH CH2 -C(O)NHCH2CH2SO2Me 45A C(Me)OH CH2 -C(O)NHCH2CH2SO2Me 46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHCH2CH2SO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 51A C(Me)OH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH(Me) -C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et	
43A C(O) CH2 -C(O)NHCH2CH2SO2Me 44A CHOH CH2 -C(O)NHCH2CH2SO2Me 45A C(Me)OH CH2 -C(O)NHCH2CH2SO2Me 46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHCH2CH2SO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 51A C(Me)OH CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2IPr	
44A CHOH CH2 -C(O)NHCH2CH2SO2Me 45A C(Me)OH CH2 -C(O)NHCH2CH2SO2Me 46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHSO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 51A C(Me)OH CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2IPr 61A C(O) CH2 -CH2-C(O)NHSO2IPr <t< td=""><td></td></t<>	
45A C(Me)OH CH2 -C(O)NHCH2CH2SO2Me 46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHCH2CH2SO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 51A C(Me)OH CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr	
46A C(O) CH(Me) -C(O)NHCH2CH2SO2Me 47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHSO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	~~~~
47A CHOH CH(Me) -C(O)NHCH2CH2SO2Me 48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHSO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
48A C(Me)OH CH(Me) -C(O)NHCH2CH2SO2Me 49A C(O) CH2 -C(O)NHSO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
49A C(O) CH2 -C(O)NHSO2Me 50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
50A CHOH CH2 -C(O)NHSO2Me 51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
51A C(Me)OH CH2 -C(O)NHSO2Me 52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
52A C(O) CH(Me) -C(O)NHSO2Me 53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
53A CHOH CH(Me) -C(O)NHSO2Me 54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
54A C(Me)OH CH(Me) -C(O)NHSO2Me 55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2ET 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
55A C(O) CH2 -CH2-C(O)NHSO2Et 56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
56A CHOH CH2 -CH2-C(O)NHSO2Et 57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
57A C(Me)OH CH2 -CH2-C(O)NHSO2Et 58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
58A C(O) CH(Me) -CH2-C(O)NHSO2Et 59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
59A CHOH CH(Me) -CH2-C(O)NHSO2Et 60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
60A C(Me)OH CH(Me) -CH2-C(O)NHSO2Et 61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
61A C(O) CH2 -CH2-C(O)NHSO2iPr 62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
62A CHOH CH2 -CH2-C(O)NHSO2iPr 63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
63A C(Me)OH CH2 -CH2-C(O)NHSO2iPr	
64A C(O) CH(Me) CH2 C(O)NHSO2iPr	
own c(o) cir(we) -cire-c(o): viboau i	
65A CHOH CH(Me) -CH2-C(O)NHSO2iPr	
66A C(Me)OH CH(Me) -CH2-C(O)NHSO2iPr	
67A C(O) CH2 -CH2-C(O)NHSO2tBu	
68A CHOH CH2 -CH2-C(O)NHSO2tBu	
69A C(Me)OH CH2 -CH2-C(O)NHSO2tBu	

70A	C(O)	CH(Me)	-CH2-C(O)NHSO2tBu
71A	СНОН	CH(Me)	-CH2-C(O)NHSO2tBu
72A	C(Me)OH	CH(Me)	-CH2-C(O)NHSO2tBu
73A	C(O)	CH2	-CH2NHSO2Me
74A	СНОН	CH2	-CH2NHSO2Me
75A	C(Me)OH	CH2	-CH2NHSO2Me
76A	C(O)	CH(Me)	-CH2NHSO2Me
.77A	СНОН	CH(Me)	-CH2NHSO2Me
78A	C(Me)OH	CH(Me)	-CH2NHSO2Me
79.A	C(O)	CH2	-CH2NHSO2Et
80A	СНОН	CH2	-CH2NHSO2Et
81A	C(Me)OH	CH2	-CH2NHSO2Et
82A	C(O)	CH(Me)	-CH2NHSO2Et
83A	СНОН	CH(Me)	-CH2NHSO2Et
84A	C(Me)OH	CH(Me)	-CH2NHSO2Et
85A	C(O)	CH2	-CH2NHSO2iPr
86A	снон	CH2	-CH2NHSO2iPr
87A	C(Me)OH	CH2	-CH2NHSO2iPr
88A	C(O)	CH(Me)	-CH2NHSO2iPr
89A	СНОН	CH(Me)	-CH2NHSO2iPr
90A	С(Ме)ОН	CH(Me)	-CH2NHSO2iPr
91A	- C(O)	CH2	-CH2NHSO2tBu
92.A	снон	CH2	-CH2NHSO2tBu
93A	C(Me)OH	CH2	-CH2NHSO2tBu
94A	C(O)	CH(Me)	-CH2NHSO2tBu
95A	СНОН	CH(Me)	-CH2NHSO2tBu
96A	C(Me)OH	CH(Me)	-CH2NHSO2tBu
97A	C(O)	CH2	-CH2-N-pyrrolidin-2-one
98A	СНОН	CH2	-CH2-N-pyrrolidin-2-one
99A	C(Me)OH	CH2	-CH2-N-pyrrolidin-2-one
100A	C(0)	CH(Me)	-CH2-N-pyrrolidin-2-one

101A	СНОН	CH(Me)	-CH2-N-pyrrolidin-2-one
102A	C(Me)OH	CH(Me)	-CH2-N-pyrrolidin-2-one
103A	C(O)	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
104A	СНОН	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
105A	C(Me)OH	CH2	-CH2-(1-methylpyrrolidin-2-one-3-yl)
·106A	C(0)	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
107A	СНОН	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
108A	C(Me)OH	CH(Me)	-CH2-(1-methylpyrrolidin-2-one-3-yl)
109A	C(O)	CH2	-CH2CO2Me
110A	СНОН	CH2	-CH2CO2Me
IIIA	C(Me)OH	CH2	-CH2CO2Me
112A	C(0)	CH(Me)	-CH2CO2Me
113A	СНОН	CH(Me)	-CH2CO2Me
114A	C(Me)OH	CH(Me)	-CH2CO2Me
115A	C(O)	CH2	-CH2CO2H
116A	СНОН	CH2	-CH2CO2H
117A	С(Ме)ОН	CH2	-CH2CO2H
118A	C(0)	CH(Me)	-CH2CO2H
119A	СНОН	CH(Me)	-CH2CO2H
120A	C(Me)OH	CH(Me)	-CH2CO2H
121A	C(O)	CH2	-CH2C(O)NH2
122A	СНОН	CH2	-CH2C(O)NH2
123A	C(Me)OH	CH2	-CH2C(O)NH2
124A	C(O)	CH(Me)	-CH2C(O)NH2
125A	СНОН	CH(Me)	-CH2C(O)NH2
126A	Ċ(Me)OH	CH(Me)	-CH2C(O)NH2
127A	C(O)	CH2	-CH2C(O)NMe2
128A	СНОН	CH2	-CH2C(O)NMe2
129A	C(Me)OH	CH2	-CH2C(O)NMe2
130A	C(O)	CH(Me)	-CH2C(O)NMe2
131A	СНОН	CH(Me)	-CH2C(O)NMe2

132A	C(Me)OH	CH(Me)	-CH2C(O)NMe2
133A	C(O)	CH2	-CH2C(O)-N-pyrrolidine
134A	СНОН	CH2	-CH2C(O)-N-pyrrolidine
135A	C(Me)OH	CH2	-CH2C(O)-N-pyrrolidine
136A	C(O)	CH(Me)	-CH2C(O)-N-pyrrolidine
137A	СНОН	CH(Me)	-CH2C(O)-N-pyrrolidine
138A	C(Me)OH	CH(Me)	-CH2C(O)-N-pyrrolidine
139A	C(O)	CH2	-CH2-5-tetrazolyl
140A	СНОН	CH2	CH2-5-tetrazolyl
141A	C(Me)OH	CH2	-CH2-5-tetrazolyl
142A	C(O)	CH(Me)	-CH2-5-tetrazolyl
143A	СНОН	CH(Me)	-CH2-5-tetrazolyl
144A	C(Me)OH	CH(Me)	-CH2-5-tetrazolyl
145A	C(O)	CH2	-C(O)C(O)OH
146A	СНОН	CH2	-C(O)C(O)OH
147A	C(Me)OH	CH2	-C(O)C(O)OH
148A	C(O)	CH(Me)	-C(O)C(O)OH
149A	СНОН	CH(Me)	-C(O)C(O)OH
150A	C(Me)OH	CH(Me)	-C(O)C(O)OH
151A	C(O)	CH2	-СН(ОН)С(О)ОН
152A	СНОН	CH2	-СН(ОН)С(О)ОН
153A	C(Me)OH	CH2	-СН(ОН)С(О)ОН
154A	C(O)	CH(Me)	-CH(OH)C(O)OH
155A	СНОН	CH(Me)	-CH(OH)C(O)OH
156A	C(Me)OH	CH(Me)	-CH(OH)C(O)OH
157A	C(O)	CH2	-C(O)C(O)NH2
158A	СНОН	CH2	-C(O)C(O)NH2
159A	C(Me)OH	CH2	-C(O)C(O)NH2
160A	C(O)	CH(Me)	-C(O)C(O)NH2
161A	СНОН	CH(Me)	-C(O)C(O)NH2
162A	C(Me)OH	CH(Me)	-C(O)C(O)NH2

164A CHOH CH2 -CH(OH)C(O)NH2 165A C(Me)OH CH2 -CH(OH)C(O)NH2 166A C(O) CH(Me) -CH(OH)C(O)NH2 167A CHOH CH(Me) -CH(OH)C(O)NH2 168A C(Me)OH CH(Me) -CH(OH)C(O)NH2 169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A </th <th></th> <th>~777/~777 ~/~\\</th> <th>A37.7.4</th> <th>0(0)</th> <th>1 60 1</th>		~777/~777 ~/~\\	A37.7.4	0(0)	1 60 1
165A C(Me)OH CH2 -CH(OH)C(O)NH2 166A C(O) CH(Me) -CH(OH)C(O)NH2 167A CHOH CH(Me) -CH(OH)C(O)NH2 168A C(Me)OH CH(Me) -CH(OH)C(O)NH2 169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH(OH)C(O)NMe2 183A C(Me)OH CH2 -CH(OH)C(O)NMe2 -CH2CH		-CH(OH)C(O)NH2	CH2	C(O)	163A
166A C(O) CH(Me) -CH(OH)C(O)NH2 167A CHOH CH(Me) -CH(OH)C(O)NH2 168A C(Me)OH CH(Me) -CH(OH)C(O)NH2 169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NH2	CH2	СНОН	164A
167A CHOH CH(Me) -CH(OH)C(O)NH2 168A C(Me)OH CH(Me) -CH(OH)C(O)NH2 169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NH2	CH2	C(Me)OH	165A
168A C(Me)OH CH(Me) -CH(OH)C(O)NH2 169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 183A C(Me)OH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NH2	CH(Me)	C(O)	166A
169A C(O) CH2 -C(O)C(O)NMe2 170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH(OH)C(O)NMe2 183A C(Me)OH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NH2	CH(Me)	CHOH	167A
170A CHOH CH2 -C(O)C(O)NMe2 171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NH2	CH(Me)	C(Me)OH	168A
171A C(Me)OH CH2 -C(O)C(O)NMe2 172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH(OH)C(O)NMe2 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-C(O)C(O)NMe2	CH2	C(O)	169A
172A C(O) CH(Me) -C(O)C(O)NMe2 173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH(OH)C(O)NMe2 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H	••••••	-C(O)C(O)NMe2	CH2	СНОН	170A
173A CHOH CH(Me) -C(O)C(O)NMe2 174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-C(O)C(O)NMe2	CH2	C(Me)OH	171A
174A C(Me)OH CH(Me) -C(O)C(O)NMe2 175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H	*********	-C(O)C(O)NMe2	CH(Me)	C(O)	172A
175A C(O) CH2 -CH(OH)C(O)NMe2 176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-C(O)C(O)NMe2	CH(Me)	СНОН	173A
176A CHOH CH2 -CH(OH)C(O)NMe2 177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-C(O)C(O)NMe2	CH(Me)	C(Me)OH	174A
177A C(Me)OH CH2 -CH(OH)C(O)NMe2 178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH2	C(O)	175A
178A C(O) CH(Me) -CH(OH)C(O)NMe2 179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH2	снон	176A
179A CHOH CH(Me) -CH(OH)C(O)NMe2 180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH2	C(Me)OH	177A
180A C(Me)OH CH(Me) -CH(OH)C(O)NMe2 181A C(O) CH2 -CH2CH2CO2H 182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH(Me)	C(O)	178A
I81A C(O) CH2 -CH2CH2CO2H I82A CHOH CH2 -CH2CH2CO2H I83A C(Me)OH CH2 -CH2CH2CO2H I84A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH(Me)	СНОН	179A
182A CHOH CH2 -CH2CH2CO2H 183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H		-CH(OH)C(O)NMe2	CH(Me)	C(Me)OH	180A
183A C(Me)OH CH2 -CH2CH2CO2H 184A C(O) CH(Me) -CH2CH2CO2H	*********	-CH2CH2CO2H	CH2	C(O)	181A
184A C(O) CH(Me) -CH2CH2CO2H		-CH2CH2CO2H	CH2	СНОН	182A
		-CH2CH2CO2H	CH2	C(Me)OH	183A
185A CHOH CH(Me) -CH2CH2CO2H	***********	-CH2CH2CO2H	CH(Me)	C(O)	184A
		-CH2CH2CO2H	CH(Me)	СНОН	185A
186A C(Me)OH CH(Me) -CH2CH2CO2H		-CH2CH2CO2H	CH(Me)	C(Me)OH	186A
187A C(O) CH2 -CH2CH2C(O)NH2	********	-CH2CH2C(O)NH2	CH2	C(O)	187A
188A CHOH CH2 -CH2CH2C(O)NH2		-CH2CH2C(O)NH2	CH2	СНОН	188A
189A C(Me)OH CH2 -CH2CH2C(O)NH2	********	-CH2CH2C(O)NH2	CH2	C(Me)OH	189A
190A C(O) CH(Me) -CH2CH2C(O)NH2	**********	-CH2CH2C(O)NH2	CH(Me)	C(O)	190A
191A CHOH CH(Me) -CH2CH2C(O)NH2		-CH2CH2C(O)NH2	CH(Me)	СНОН	191A
192A C(Me)OH CH(Me) -CH2CH2C(O)NH2	••••••	-CH2CH2C(O)NH2	CH(Me)	C(Me)OH	192A
193A C(O) CH2 -CH2CH2C(O)NMe2		-CH2CH2C(O)NMe2	CH2	C(O)	193A

194A	СНОН	CH2	-CH2CH2C(O)NMe2
195A	C(Me)OH	CH2	-CH2CH2C(O)NMe2
196A	C(O)	CH(Me)	-CH2CH2C(O)NMe2
197A	СНОН	CH(Me)	-CH2CH2C(O)NMe2
198A	C(Me)OH	CH(Me)	-CH2CH2C(O)NMe2
199A	C(0)	CH2	-CH2CH2-5-tetrazolyl
200A	СНОН	CH2	-CH2CH2-5-tetrazolyl
201A	C(Me)OH	CH2	-CH2CH2-5-tetrazolyl
202A	C(O)	CH(Me)	-CH2CH2-5-tetrazolyl
203A	СНОН	CH(Me)	-CH2CH2-5-tetrazolyl
204A	C(Me)OH	CH(Me)	-CH2CH2-5-tetrazolyl
205A	C(O)	CH2	-OCH2S(O)2Me
206A	СНОН	CH2	-OCH2S(O)2Me
207A	C(Me)OH	CH2	-OCH2S(O)2Me
208A	C(O)	CH(Me)	-OCH2S(O)2Me
209A	СНОН	CH(Me)	-OCH2S(O)2Me
210A	C(Me)OH	CH(Me)	-OCH2S(O)2Me
211A	C(0)	CH2	-OCH2CH2S(O)2Me
212A	СНОН	CH2	-OCH2CH2S(O)2Me
213A	С(Ме)ОН	CH2	-OCH2CH2S(O)2Me
214A	C(0)	CH(Me)	-OCH2CH2S(O)2Me
215A	СНОН	CH(Me)	-OCH2CH2S(O)2Me
216A	С(Ме)ОН	CH(Me)	-OCH2CH2S(O)2Me
217A	C(0)	CH2	-CH2S(O)2Me
218A	СНОН	CH2	-CH2S(O)2Me
219A	C(Me)OH	CH2	-CH2S(O)2Me
220A	C(O)	CH(Me)	-CH2S(O)2Me
221A	СНОН	CH(Me)	-CH2S(O)2Me
222A	C(Me)OH	CH(Me)	-CH2S(O)2Me
223A	C(O)	CH2	-CH2CH2S(O)2Me
224A	СНОН	CH2	-CH2CH2S(O)2Me

			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
225A	C(Me)OH	CH2	-CH2CH2S(O)2Me
226A	C(O)	CH(Me)	-CH2CH2S(O)2Me
227A	СНОН	CH(Me)	-CH2CH2S(O)2Me
228A	C(Me)OH	CH(Me)	-CH2CH2S(O)2Me
229A	C(O)	CH2	-CH2CH2CH2S(O)2Me
230A	СНОН	CH2	-CH2CH2CH2S(O)2Me
231A	C(Me)OH	CH2	-CH2CH2CH2S(O)2Me
232A	C(O)	CH(Me)	-CH2CH2CH2S(O)2Me
233A	СНОН	CH(Me)	-CH2CH2CH2S(O)2Me
234A	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2Me
235A	C(O)	CH2	-OCH2S(O)2Et
236A	СНОН	CH2	-OCH2S(O)2Et
237A	C(Me)OH	CH2	-OCH2S(O)2Et
238A	C(O)	CH(Me)	-OCH2S(O)2Et
239A	СНОН	CH(Me)	-OCH2S(O)2Et
240A	C(Me)OH	CH(Me)	-OCH2S(O)2Et
241A	C(O)	CH2	-OCH2CH2S(O)2Et
242A	СНОН	CH2	-OCH2CH2S(O)2Et
243A	C(Me)OH	CH2	-OCH2CH2S(O)2Et
244A	C(O)	CH(Me)	-OCH2CH2S(O)2Ei
245A	СНОН	CH(Me)	-OCH2CH2S(O)2Et
246A	C(Me)OH	CH(Me)	-OCH2CH2S(O)2Et
247A	C(O)	CH2	-CH2S(O)2Et
248A	СНОН	CH2	-CH2S(O)2Et
249A	C(Me)OH	CH2	-CH2S(O)2Et
250A	C(O)	CH(Me)	-CH2S(O)2Et
251A	СНОН	CH(Me)	-CH2S(O)2Et
252A	C(Me)OH	CH(Me)	-CH2S(O)2Eŧ
253A	C(O)	CH2	-CH2CH2S(O)2Et
254A	СНОН	CH2	-CH2CH2S(O)2Et
255A	C(Me)OH	CH2	-CH2CH2S(O)2Et

.....

256A	C(O)	CH(Me)	-CH2CH2S(O)2Et
257A	СНОН	CH(Me)	-CH2CH2S(O)2Et
258A	C(Me)OH	CH(Me)	-CH2CH2S(O)2Et
259A	C(O)	CH2	-CH2CH2CH2S(O)2Et
260A	СНОН	CH2	-CH2CH2CH2S(O)2Et
261A	C(Me)OH	CH2	-CH2CH2CH2S(O)2Et
262A	C(O)	CH(Me)	-CH2CH2CH2S(O)2Et
263A	СНОН	CH(Me)	-CH2CH2CH2S(O)2Et
264A	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2Et
265A	C(O)	CH2	-OCH2S(O)2iPτ
266A	СНОН	CH2	-OCH2S(O)2iPr
267A	C(Me)OH	CH2	-OCH2S(O)2iPr
268A	C(O)	CH(Me)	-OCH2S(O)2iPr
269A	СНОН	CH(Me)	-OCH2S(O)2iPr
270A	C(Me)OH	CH(Me)	-OCH2S(O)2iPr
271A	C(O)	CH2	-CH2S(O)2iPr
272A	СНОН	CH2	-CH2S(O)2iPr
273A	C(Me)OH	CH2	-CH2S(O)2iPr
274A	C(0) .	CH(Me)	-CH2S(O)2iPr
275A	СНОН	CH(Me)	-CH2S(O)2iPr
276A	C(Me)OH	CH(Me)	-CH2S(O)2iPr
277A	C(O)	CH2	-CH2CH2S(O)2iPr
278A	СНОН	CH2	-CH2CH2S(O)2iPr
279A	C(Me)OH	CH2	-CH2CH2S(O)2iPr
280A	C(0)	CH(Me)	-CH2CH2S(O)2iPr
281A	СНОН	CH(Me)	-CH2CH2S(O)2iPr
282A	C(Me)OH	CH(Me)	-CH2CH2S(O)2iPr
283A	C(0)	CH2	-OCH2S(O)2tBu
284A	СНОН	CH2	-OCH2S(O)2tBu
285A	C(Me)OH	CH2	-OCH2S(O)2tBu
286A	C(O)	CH(Me)	-OCH2S(O)2tBu
-		<b></b>	

287A	СНОН	CH(Me)	-OCH2S(O)2tBu
			, , ,
288A	C(Me)OH	CH(Me)	-OCH2S(O)2tBu
289A	C(O)	CH2	-CH2S(O)2tBu
290A	СНОН	CH2	-CH2S(O)2tBu
291A	C(Me)OH	CH2	-CH2S(O)2tBu
292A	C(O)	CH(Me)	-CH2S(O)2tBu
293A	СНОН	CH(Me)	-CH2S(O)2tBu
294A	C(Me)OH	CH(Me)	-CH2S(O)2tBu
295A	C(O)	CH2	-CH2CH2S(O)2tBu
296A	СНОН	CH2	-CH2CH2S(O)2tBu
297A	C(Me)OH	CH2	-CH2CH2S(O)2tBu
298A	C(O)	CH(Me)	-CH2CH2S(O)2tBu
299A	СНОН	CH(Me)	-CH2CH2S(O)2tBu
300A	C(Me)OH	CH(Me)	-CH2CH2S(O)2tBu
301A	C(O)	CH2	-OCH2S(O)2NH2
302A	СНОН	CH2	-OCH2S(O)2NH2
303A	C(Me)OH	CH2	-OCH2S(O)2NH2
304A	C(O)	CH(Me)	-OCH2S(O)2NH2
305A	СНОН	CH(Me)	-OCH2S(O)2NH2
306A	C(Me)OH	CH(Me)	-OCH2S(O)2NH2
307A	C(O)	CH2	-OCH2S(O)2NMe2
308A	СНОН	CH2	-OCH2S(O)2NMe2
309A	C(Me)OH	CH2	-OCH2S(O)2NMe2
310A	C(O)	CH(Me)	-OCH2S(O)2NMe2
311A	СНОН	CH(Me)	-OCH2S(O)2NMe2
312A	C(Me)OH	CH(Me)	-OCH2S(O)2NMe2
313A	C(O)	CH2	-CH2CH2S(O)2NH2
314A	СНОН	CH2	-CH2CH2S(O)2NH2
315A	C(Me)OH	CH2	-CH2CH2S(O)2NH2
316A	C(O)	CH(Me)	-CH2CH2S(O)2NH2
317A	СНОН	CH(Me)	-CH2CH2S(O)2NH2
<b>L</b>			<u></u>

319A         C(O)         CH2         -CH2CH2S(O)2NMe2           320A         CHOH         CH2         -CH2CH2S(O)2NMe2           321A         C(Me)OH         CH2         -CH2CH2S(O)2NMe2           322A         C(O)         CH(Me)         -CH2CH2S(O)2NMe2           323A         CHOH         CH(Me)         -CH2CH2S(O)2NMe2           324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2CS(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           335A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2M				
320A         CHOH         CH2         -CH2CH2S(O)2NMe2           321A         C(Me)OH         CH2         -CH2CH2S(O)2NMe2           322A         C(O)         CH(Me)         -CH2CH2S(O)2NMe2           323A         CHOH         CH(Me)         -CH2CH2S(O)2NMe2           324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe2           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2	318A	C(Me)OH	CH(Me)	-CH2CH2S(O)2NH2
321A         C(Me)OH         CH2         -CH2CH2S(O)2NMe2           322A         C(O)         CH(Me)         -CH2CH2S(O)2NMe2           323A         CHOH         CH(Me)         -CH2CH2S(O)2NMe2           324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe2           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2     <	319A	C(O)	CH2	-CH2CH2S(O)2NMe2
322A         C(O)         CH(Me)         -CH2CH2S(O)2NMe2           323A         CHOH         CH(Me)         -CH2CH2S(O)2NMe2           324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe2           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           335A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           340A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2 <td>320A</td> <td>СНОН</td> <td>CH2</td> <td>-CH2CH2S(O)2NMe2</td>	320A	СНОН	CH2	-CH2CH2S(O)2NMe2
323A         CHOH         CH(Me)         -CH2CH2S(O)2NMe2           324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe2           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2 <td>321A</td> <td>C(Me)OH</td> <td>CH2</td> <td>-CH2CH2S(O)2NMe2</td>	321A	C(Me)OH	CH2	-CH2CH2S(O)2NMe2
324A         C(Me)OH         CH(Me)         -CH2CH2S(O)2NMe2           325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	322A	C(0)	CH(Me)	-CH2CH2S(O)2NMe2
325A         C(O)         CH2         -C(O)CH2S(O)2Me           326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2	323A	СНОН	CH(Me)	-CH2CH2S(O)2NMe2
326A         CHOH         CH2         -C(O)CH2S(O)2Me           327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NH2           343A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2	324A	C(Me)OH	CH(Me)	-CH2CH2S(O)2NMe2
327A         C(Me)OH         CH2         -C(O)CH2S(O)2Me           328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2Me           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2 <td>325A</td> <td>C(O)</td> <td>CH2</td> <td>-C(O)CH2S(O)2Me</td>	325A	C(O)	CH2	-C(O)CH2S(O)2Me
328A         C(O)         CH(Me)         -C(O)CH2S(O)2Me           329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NHe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2	326A	СНОН	CH2	-C(O)CH2S(O)2Me
329A         CHOH         CH(Me)         -C(O)CH2S(O)2Me           330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2<	327A	C(Me)OH	CH2	-C(O)CH2S(O)2Me
330A         C(Me)OH         CH(Me)         -C(O)CH2S(O)2Me           331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NHe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe	328A	C(O)	CH(Me)	-C(O)CH2S(O)2Me
331A         C(O)         CH2         -C(O)CH2CH2S(O)2Me           332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	329A	СНОН	CH(Me)	-C(O)CH2S(O)2Me
332A         CHOH         CH2         -C(O)CH2CH2S(O)2Me           333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	330A	C(Me)OH	CH(Me)	-C(O)CH2S(O)2Me
333A         C(Me)OH         CH2         -C(O)CH2CH2S(O)2Me           334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	331A	C(O)	CH2	-C(O)CH2CH2S(O)2Me
334A         C(O)         CH(Me)         -C(O)CH2CH2S(O)2Me           335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	332A	СНОН	CH2	-C(O)CH2CH2S(O)2Me
335A         CHOH         CH(Me)         -C(O)CH2CH2S(O)2Me           336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	333A	C(Me)OH	CH2	-C(O)CH2CH2S(O)2Me
336A         C(Me)OH         CH(Me)         -C(O)CH2CH2S(O)2Me           337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	334A	C(O)	CH(Me)	-C(O)CH2CH2S(O)2Me
337A         C(O)         CH2         -OCH2CH2S(O)2NH2           338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NMe2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	335A	СНОН	CH(Me)	-C(O)CH2CH2S(O)2Me
338A         CHOH         CH2         -OCH2CH2S(O)2NH2           339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	336A	C(Me)OH	CH(Me)	-C(O)CH2CH2S(O)2Me
339A         C(Me)OH         CH2         -OCH2CH2S(O)2NH2           340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	337A	C(0)	CH2	-OCH2CH2S(O)2NH2
340A         C(O)         CH(Me)         -OCH2CH2S(O)2NH2           341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	338A	CHOH	CH2	-OCH2CH2S(O)2NH2
341A         CHOH         CH(Me)         -OCH2CH2S(O)2NH2           342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	339A	C(Me)OH	CH2	-OCH2CH2S(O)2NH2
342A         C(Me)OH         CH(Me)         -OCH2CH2S(O)2NH2           343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	340A	C(O)	CH(Me)	-OCH2CH2S(O)2NH2
343A         C(O)         CH2         -OCH2CH2S(O)2NMe2           344A         CH0H         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	341A	СНОН	CH(Me)	-OCH2CH28(O)2NH2
344A         CHOH         CH2         -OCH2CH2S(O)2NMe2           345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	342A	C(Me)OH	CH(Me)	-OCH2CH2S(O)2NH2
345A         C(Me)OH         CH2         -OCH2CH2S(O)2NMe2           346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	343A	C(O)	CH2	-OCH2CH2S(O)2NMe2
346A         C(O)         CH(Me)         -OCH2CH2S(O)2NMe2           347A         CHOH         CH(Me)         -OCH2CH2S(O)2NMe2	344A	СНОН	CH2	-OCH2CH2S(O)2NMe2
347A CHOH CH(Me) -OCH2CH2S(O)2NMe2	345A	C(Me)OH	CH2	-OCH2CH2S(O)2NMe2
	346A	C(0)	CH(Me)	-OCH2CH2S(O)2NMe2
<u> </u>	347A	СНОН	CH(Me)	-OCH2CH2S(O)2NMe2
348A C(Me)OH CH(Me) -OCH2CH2S(O)2NMe2	348A	C(Me)OH	CH(Me)	-OCH2CH2S(O)2NMe2

349A	C(O)	CH2	-CH2CH2CH2S(O)2NH2
350A	СНОН	CH2	-CH2CH2CH2S(O)2NH2
351A	C(Me)OH	CH2	-CH2CH2CH2S(O)2NH2
352A	C(O)	CH(Me)	-CH2CH2CH2S(O)2NH2
353A	СНОН	CH(Me)	-CH2CH2CH2S(O)2NH2
354A	C(Me)OH	CH(Me)	-CH2CH2CH2S(O)2NH2
355A	C(O)	CH2	-S(O)2Me
356A	СНОН	CH2	-S(O)2Me
357A	C(Me)OH	CH2	-S(O)2Me
358A	C(O)	CH(Me)	~S(O)2Me
359A	СНОН	CH(Me)	~S(O)2Me
360A	C(Me)OH	CH(Me)	-S(O)2Me
361A	C(O)	CH2	-S(O)2Et
362A	СНОН	CH2	-S(O)2Et
363A	C(Me)OH	CH2	-S(O)2Et
364A	C(O)	CH(Me)	-S(O)2Et
365A	СНОН	CH(Me)	-S(O)2Et
366A	C(Me)OH	CH(Me)	-S(O)2Et
367A	C(O)	CH2	-S(O)2iPr
368A	СНОН	CH2	-S(O)2iPr
369A	C(Me)OH	CH2	-S(O)2iPr
370A	C(O)	CH(Me)	-S(O)2iPr
371A	СНОН	CH(Me)	-S(O)2iPr
372A	C(Me)OH	CH(Me)	-S(O)2iPr
373A	C(O)	CH2	~S(O)2tBu
374A	СНОН	CH2	-S(O)2tBu
375A	C(Me)OH	CH2	-S(O)2tBu
376A	C(O)	CH(Me)	-S(O)2tBu
377A	СНОН	CH(Me)	-S(O)2tBu
378A	C(Me)OH	CH(Me)	-S(O)2tBu
379A	C(O)	CH2	-OCH2CO2H

······································	······································	·····	······································
380A	СНОН	CH2	-OCH2CO2H
381A	C(Me)OH	CH2	-OCH2CO2H
382A	C(O)	CH(Me)	-OCH2CO2H
383A	СНОН	CH(Me)	-OCH2CO2H
384A	C(Me)OH	CH(Me)	-OCH2CO2H
385A	C(O)	CH2	-OCH2-5-tetrazolyl
386A	СНОН	CH2	-OCH2-5-tetrazolyl
387A	C(Me)OH	CH2	-OCH2-5-tetrazolyl
388A	C(O)	CH(Me)	-OCH2-5-tetrazolyl
389A	СНОН	CH(Me)	-OCH2-5-tetrazolyl
390A	C(Me)OH	CH(Me)	-OCH2-5-tetrazolyl
391A	C(O)	CH2	-S(O)2NH2
392A	СНОН	CH2	-S(O)2NH2
393A	C(Me)OH	CH2	-S(O)2NH2
394A	C(O)	CH(Me)	-S(O)2NH2
395A	СНОН	CH(Me)	-S(O)2NH2
396A	C(Me)OH	CH(Me)	-S(O)2NH2
397A	C(O)	CH2	-S(O)2NMe2
398A	СНОН	CH2	-S(O)2NMe2
399A	C(Me)OH	CH2	-S(O)2NMe2
400A	C(O)	CH(Me)	-S(O)2NMe2
401A	СНОН	CH(Me)	`-S(O)2NMe2
402A	C(Me)OH	CH(Me)	-S(O)2NMe2
403A	C(O)	CH2	-S(O)2CH2S(O)2Me
404A	СНОН	CH2	-S(O)2CH2S(O)2Me
405A	C(Mc)OH	CH2	-S(O)2CH2S(O)2Me
406A	C(O)	CH(Me)	-S(O)2CH2S(O)2Me
407A	СНОН	CH(Me)	-S(O)2CH2S(O)2Me
408A	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2Me
409A	C(O)	CH2	-S(O)2CH2S(O)2Et
410A	СНОН	CH2	-S(O)2CH2S(O)2Et
L	ł		<u> </u>

411A	C(Me)OH	CH2	-S(O)2CH2S(O)2Et
412A	C(O)	CH(Me)	-S(O)2CH2S(O)2Et
413A	СНОН	CH(Me)	-S(O)2CH2S(O)2Et
414A	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2Et
415A	C(O)	CH2	-S(O)2CH2S(O)2iPr
416A	СНОН	CH2	-S(O)2CH2S(O)2iPr
417A	C(Me)OH	CH2	-S(O)2CH2S(O)2iPr
418A	C(O)	CH(Me)	-S(O)2CH2S(O)2iPr
419A	СНОН	CH(Me)	-S(O)2CH2S(O)2iPr
.420A	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2iPr
421A	C(O)	CH2	~S(O)2CH2S(O)2tBu
422A	СНОН	· CH2	-S(O)2CH2S(O)2tBu
423A	C(Me)OH	CH2	-S(O)2CH2S(O)2tBu
424A	C(0)	CH(Me)	-S(O)2CH2S(O)2tBu
425A	СНОН	CH(Me)	-S(O)2CH2S(O)2tBu
426A	C(Me)OH	CH(Me)	-S(O)2CH2S(O)2tBu
427A	C(O)	CH2	-NHS(O)2Me
428A	СНОН	CH2	-NHS(O)2Me
429A	C(Me)OH	CH2	-NHS(O)2Me
430A	C(O)	СН(Ме)	-NHS(O)2Me
431A	СНОН	CH(Me)	NHS(O)2Me
432A	C(Me)OH	CH(Me)	-NHS(O)2Me
433A	C(O)	CH2	-NHS(O)2Et
434A	СНОН	CH2	-NHS(O)2Et
435A	C(Me)OH	CH2	-NHS(O)2Et
436A	C(O)	CH(Me)	-NHS(O)2Et
437A	СНОН	CH(Me)	-NHS(O)2Et
438A	C(Me)OH	CH(Me)	NHS(O)2Et
439A	C(O)	CH2	-NHS(O)2iPr
440A	СНОН	CH2	-NHS(O)2iPr
441A	C(Me)OH	CH2	-NHS(O)2iPr

442A	C(O)	CH(Me)	-NHS(O)2iPr
443A	СНОН	CH(Me)	-NHS(O)2iPr
444A	C(Me)OH	CH(Me)	-NHS(O)2iPr
			,
445A	C(O)	CH2	-NHS(O)2tBu
446A	СНОН	CH2	-NHS(O)2tBu
447A	C(Me)OH	CH2	-NHS(O)2tBu
448A	C(O)	CH(Me)	-NHS(O)2tBu
449A	СНОН	CH(Me)	-NHS(O)2tBu
450A	C(Me)OH	CH(Me)	-NHS(O)2tBu
451A	C(O)	CH2	-OS(O)2Me
452A	СНОН	CH2	-OS(O)2Me
453A	C(Me)OH	CH2	-OS(O)2Me
454A	C(O)	CH(Me)	-OS(O)2Me
455A	СНОН	CH(Me)	-OS(O)2Me
456A	C(Me)OH	CH(Me)	-OS(O)2Me
457A	C(O)	CH2	-OS(O)2Et
458A	снон	CH2	-OS(O)2Et
459A	C(Me)OH	CH2	-OS(O)2Et
460A	C(O) .	CH(Me)	-OS(O)2Et
461A	СНОН	CH(Me)	-OS(O)2Et
462A	C(Me)OH	CH(Me)	-OS(O)2Et
463A	C(O)	CH2	-OS(O)2iPr
464A	СНОН	CH2	-OS(O)2iPr
465A	C(Me)OH	CH2	-OS(O)2iPr
466A	C(O)	CH(Me)	-OS(O)2iPr
467A	СНОН	CH(Me)	-OS(O)2iPr
468A	C(Me)OH	CH(Me)	-OS(O)2iPr
469A	C(O)	CH2	-OS(O)2tBu
470A	СНОН	CH2	-OS(O)2tBu
471A	C(Me)OH	CH2	-OS(O)2tBu
472A	C(0)	CH(Me)	-OS(O)2tBu
·	<u> </u>	<del></del>	l

473A	СНОН	CH(Me)	-OS(O)2tBu
474A	C(Me)OH	CH(Me)	-OS(O)2tBu
475A	C(O)	CH2	-NHC(O)NMe2
476A	СНОН	CH2	-NHC(O)NMe2
477A	C(Me)OH	CH2	-NHC(O)NMe2
478A	C(O)	CH(Me)	-NHC(O)NMe2
479A	СНОН	CH(Me)	-NHC(O)NMe2
480A	C(Me)OH	CH(Me)	-NHC(O)NMe2
481A	C(O)	CH2	-NHC(S)NMe2
482A	СНОН	CH2	-NHC(S)NMe2
483A	C(Me)OH	CH2	-NHC(S)NMe2
484A	C(O)	CH(Me)	-NHC(S)NMe2
485A	СНОН	CH(Me)	-NHC(S)NMe2
486A	C(Me)OH	CH(Me)	-NHC(S)NMe2
487A	C(O)	CH2	-OC(O)NMe2
488A	СНОН	CH2	-OC(O)NMe2
489A	C(Me)OH	CH2	-OC(O)NMe2
490A	C(O)	CH(Me)	-OC(O)NMe2
491A	СНОН	CH(Me)	-OC(O)NMe2
492A	C(Me)OH	CH(Me)	-OC(O)NMe2
493A	C(O)	CH2	-OC(S)NMe2
494A	снон	CH2	-OC(S)NMe2
495A	C(Me)OH	CH2	-OC(S)NMe2
496A	C(O)	CH(Me)	-OC(S)NMe2
497A	СНОН	CH(Me)	-OC(S)NMe2
498A	C(Me)OH	CH(Me)	-OC(S)NMe2
499A	C(O)	CH2	-NHS(O)2NMe2
500A	СНОН	CH2	-NHS(O)2NMe2
501A	C(Me)OH	CH2	-NHS(O)2NMe2
502A	C(O)	CH(Me)	-NHS(O)2NMe2
503A	СНОН	CH(Me)	-NHS(O)2NMe2

.....

504A	C(Me)OH	CH(Me)	-NHS(O)2NMe2
505A	C(O)	CH2	-C(O)NHCH2CO2H
506A	СНОН	CH2	-C(O)NHCH2CO2H
507A	C(Me)OH	CH2	-C(O)NHCH2CO2H
508A	C(O)	CH(Me)	-C(O)NHCH2CO2H
509A	СНОН	CH(Me)	-C(O)NHCH2CO2H
510A	C(Me)OH	CH(Me)	-C(O)NHCH2CO2H
511A	C(O)	CH2	-SO2NHCH2CO2H
512A	СНОН	CH2	-SO2NHCH2CO2H
513A	C(Me)OH	CH2	-SO2NHCH2CO2H
514A	C(O)	CH(Me)	-SO2NHCH2CO2H
515A	СНОН	CH(Me)	-SO2NHCH2CO2H
516A	C(Me)OH	CH(Me)	-SO2NHCH2CO2H
517A	C(O)	CH2	-CH2-S-Me
518A	СНОН	CH2	-CH2-S-Me
519A	C(Me)OH	CH2	-CH2-S-Me
520A	C(O)	CH(Me)	-CH2-S-Me
521A	СНОН	CH(Me)	-CH2-S-Me
522A	C(Me)OH	CH(Me)	-CH2-S-Me

Table 3

Code	R3	W _T
1B	3Me3OH-Pentyl	-CO2Me
2B	3Me3OH-Pentenyl	-CO2Me
3B	3Me3OH-Pentynyl	-CO2Me
4B	3Et3OH-Pentyl	-CO2Me
5B	3Et3OH-Pentenyl	-CO2Me
6B	3Et3OH-Pentynyl	-CO2Me
7B	3Me3OH-Pentyl	-CO2H
8B	3Me3OH-Pentenyl	-CO2H
9B	3Me3OH-Pentynyl	-CO2H
10B	3Et3OH-Pentyl	-CO2H
11B	3Et3OH-Pentenyl	-CO2H
12B	3Et3OH-Pentynyl	-CO2H
13B	3Me3OH-Pentyl	-C(O)NH2
14B	3Me3OH-Pentenyl	-C(O)NH2
15B	3Me3OH-Pentynyl	-C(O)NH2
16B	3Et3OH-Pentyl	-C(O)NH2
17B	3Et3OH-Pentenyl	-C(O)NH2
18B	3Et3OH-Pentynyl	-C(O)NH2
19B	3Me3OH-Pentyl	-C(O)NMe2
20B	3Me3OH-Pentenyl	-C(O)NMe2
21B	3Me3OH-Pentynyl	-C(O)NMe2

23B         3Et3OH-Pentonyl         -C(O)NMe2           24B         3Et3OH-Pentynyl         -C(O)NMe2           25B         3Me3OH-Pentyl         5-tetrazolyl           26B         3Me3OH-Pentenyl         5-tetrazolyl           27B         3Me3OH-Pentynyl         5-tetrazolyl           28B         3Et3OH-Pentynyl         5-tetrazolyl           29B         3Et3OH-Pentenyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           31B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me <td< th=""><th>22B</th><th>3Et3OH-Pentyl</th><th>-C(O)NMe2</th></td<>	22B	3Et3OH-Pentyl	-C(O)NMe2
25B         3Me3OH-Pentyl         5-tetrazolyl           26B         3Me3OH-Pentenyl         5-tetrazolyl           27B         3Me3OH-Pentynyl         5-tetrazolyl           28B         3Et3OH-Pentyl         5-tetrazolyl           29B         3Et3OH-Pentynyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me <tr< td=""><td>23B</td><td>3Et3OH-Pentenyl</td><td>-C(O)NMe2</td></tr<>	23B	3Et3OH-Pentenyl	-C(O)NMe2
26B         3Me3OH-Pentenyl         5-tetrazolyl           27B         3Me3OH-Pentynyl         5-tetrazolyl           28B         3Et3OH-Pentyl         5-tetrazolyl           29B         3Et3OH-Pentenyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me	24B	3Et3OH-Pentynyl	-C(O)NMe2
27B         3Me3OH-Pentynyl         5-tetrazolyl           28B         3Et3OH-Pentyl         5-tetrazolyl           29B         3Et3OH-Pentenyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me     <	25B	3Me3OH-Pentyl	5-tetrazolyl
28B         3Et3OH-Pentyl         5-tetrazolyl           29B         3Et3OH-Pentenyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           43B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me	26B	3Me3OH-Pentenyl	5-tetrazolyl
29B         3Et3OH-Pentenyl         5-tetrazolyl           30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           43B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           50B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2M	27B	3Me3OH-Pentynyl	5-tetrazolyl
30B         3Et3OH-Pentynyl         5-tetrazolyl           31B         3Me3OH-Pentyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me	28B	3Et3OH-Pentyl	5-tetrazolyl
31B         3Me3OH-Pentyl         -C(O)-NH-5-tetrazolyl           32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           50B         3Me3OH-Pentynyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	29B	· 3Et3OH-Pentenyl	5-tetrazolyl
32B         3Me3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentynyl         -C(O)NHSO2Me           50B         3Me3OH-Pentynyl         -C(O)NHSO2Me	30B	3Et3OH-Pentynyl	5-tetrazolyl
33B         3Me3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	31B	3Me3OH-Pentyl	-C(O)-NH-5-tetrazolyl
34B         3Et3OH-Pentyl         -C(O)-NH-5-tetrazolyl           35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentynyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	32B	3Me3OH-Pentenyl	-C(O)-NH-5-tetrazolyl
35B         3Et3OH-Pentenyl         -C(O)-NH-5-tetrazolyl           36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentynyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	33B	3Me3OH-Pentynyl	-C(O)-NH-5-tetrazolyl
36B         3Et3OH-Pentynyl         -C(O)-NH-5-tetrazolyl           37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentynyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	34B	3Et3OH-Pentyl	-C(O)-NH-5-tetrazolyl
37B         3Me3OH-Pentyl         -C(O)NHCH2SO2Me           38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	35B	3Et3OH-Pentenyl	-C(O)-NH-5-tetrazolyl
38B         3Me3OH-Pentenyl         -C(O)NHCH2SO2Me           39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Et3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	36B	3Et3OH-Pentynyl	-C(O)-NH-5-tetrazolyl
39B         3Me3OH-Pentynyl         -C(O)NHCH2SO2Me           40B         3Et3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	37B	3Me3OH-Pentyl	-C(O)NHCH2SO2Me
40B         3Bt3OH-Pentyl         -C(O)NHCH2SO2Me           41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	38B	3Me3OH-Pentenyl	-C(O)NHCH2SO2Me
41B         3Et3OH-Pentenyl         -C(O)NHCH2SO2Me           42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	39B	3Me3OH-Pentynyl	-C(O)NHCH2SO2Me
42B         3Bt3OH-Pentynyl         -C(O)NHCH2SO2Me           43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	40B	3Et3OH-Pentyl	-C(O)NHCH2SO2Me
43B         3Me3OH-Pentyl         -C(O)NHCH2CH2SO2Me           44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	41B	3Et3OH-Pentenyl	-C(O)NHCH2SO2Me
44B         3Me3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	42B	3Et3OH-Pentynyl	-C(O)NHCH2SO2Me
45B         3Me3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	43B	3Me3OH-Pentyl	-C(O)NHCH2CH2SO2Me
46B         3Et3OH-Pentyl         -C(O)NHCH2CH2SO2Me           47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	44B	3Me3OH-Pentenyl	-C(O)NHCH2CH2SO2Me
47B         3Et3OH-Pentenyl         -C(O)NHCH2CH2SO2Me           48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	45B	3Me3OH-Pentynyl	-C(O)NHCH2CH2SO2Me
48B         3Et3OH-Pentynyl         -C(O)NHCH2CH2SO2Me           49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	46B	3Et3OH-Pentyl	-C(O)NHCH2CH2SO2Me
49B         3Me3OH-Pentyl         -C(O)NHSO2Me           50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	47B	3Et3OH-Pentenyl	-C(O)NHCH2CH2SO2Me
50B         3Me3OH-Pentenyl         -C(O)NHSO2Me           51B         3Me3OH-Pentynyl         -C(O)NHSO2Me	48B	3Et3OH-Pentynyl	-C(O)NHCH2CH2SO2Me
51B 3Me3OH-Pentynyl -C(O)NHSO2Me	49B	3Me3OH-Pentyl	-C(O)NHSO2Me
	50B	3Me3OH-Pentenyl	-C(O)NHSO2Me
52B 3Et3OH-Pentyl -C(O)NHSO2Me	51B	3Me3OH-Pentynyl	-C(O)NHSO2Me
	52B	3Et3OH-Pentyl	-C(O)NHSO2Me

53B	3Et3OH-Pentenyl	-C(O)NHSO2Me
54B	3Et3OH-Pentynyl	-C(O)NHSO2Me
55B	3Me3OH-Pentyl	-CH2-C(O)NHSO2Et
56B	3Me3OH-Pentenyl	-CH2-C(O)NHSO2Et
57B	3Me3OH-Pentynyl	-CH2-C(O)NHSO2Et
58B	3Et3OH-Pentyl	-CH2-C(O)NHSO2Et
59B	3Et3OH-Pentenyl	-CH2-C(O)NHSO2Et
60B	3Et3OH-Pentynyl	-CH2-C(O)NHSO2Et
61B	3Me3OH-Pentyl	-CH2-C(O)NHSO2iPr
62B	3Me3OH-Pentenyl	-CH2-C(O)NHSO2iPr
63B	3Me3OH-Pentynyl	-CH2-C(O)NHSO2iPr
64B	3Et3OH-Pentyl	-CH2-C(O)NHSO2iPr
65B	3Et3OH-Pentenyl	-CH2-C(O)NHSO2iPr
66B	3Et3OH-Pentynyl	-CH2-C(O)NHSO2iPr
67B	3Me3OH-Pentyl	-CH2-C(O)NHSO2tBu
68B	3Me3OH-Pentenyl	-CH2-C(O)NHSO2tBu
69B	3Me3OH-Pentynyl	-CH2-C(O)NHSO2tBu
70B	3Et3OH-Pentyl	-CH2-C(O)NHSO2tBu
71B	3Et3OH-Pentenyl	-CH2-C(O)NHSO2tBu
72B	3Et3OH-Pentynyl	-CH2-C(O)NHSO2tBu
73B	3Me3OH-Pentyl	-CH2NHSO2Me
74B	3Me3OH-Pentenyl	-CH2NHSO2Me
75B	3Me3OH-Pentynyl	-CH2NHSO2Me
76B	3Et3OH-Pentyl	-CH2NHSO2Me
77B	3Et3OH-Pentenyl	-CH2NHSO2Me
78B	3Et3OH-Pentynyl	-CH2NHSO2Me
79B	3Me3OH-Pentyl	-CH2NHSO2Et
80B	3Me3OH-Pentenyl	-CH2NHSO2Et
81B	3Me3OH-Pentynyl	-CH2NHSO2Et
82B	3Et3OH-Pentyl	-CH2NHSO2Et
83B	3Et3OH-Pentenyl	-CH2NHSO2E(
		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>

84B	3Et3OH-Pentynyl	-CH2NHSO2Et
85B	3Me3OH-Pentyl	-CH2NHSO2iPr
86B	3Me3OH-Pentenyl	-CH2NHSO2iPr
87B	3Me3OH-Pentynyl	-CH2NHSO2iPr
88B	3Et3OH-Pentyl	-CH2NHSO2iPr
89B	3Et3OH-Pentenyl	-CH2NHSO2iPr
90 <b>B</b>	3Et3OH-Pentynyl	-CH2NHSO2iPr
91 <b>B</b>	3Me3OH-Pentyl	-CH2NHSO2tBu
92B	3Me3OH-Pentenyl	-CH2NHSO2tBu
93B	3Me3OH-Pentynyl	-CH2NHSO2tBu
94B	3Et3OH-Pentyl	-CH2NHSO2tBu
95B	3Et3OH-Pentenyl	-CH2NHSO2tBu
96B	3Et3OH-Pentynyl	-CH2NHSO2tBu
97B	3Me3OH-Pentyl	-CH2-N-pyrrolidin-2-one
98B	3Me3OH-Pentenyl	-CH2-N-pyrrolidin-2-one
99B	3Me3OH-Pentynyl	-CH2-N-pyrrolidin-2-one
100B	3Et3OH-Pentyl	-CH2-N-pyrrolidin-2-one
101B	3Et3OH-Pentenyl	-CH2-N-pyrrolidin-2-one
102B	3Et3OH-Pentynyl	-CH2-N-pyrrolidin-2-one
103B	3Me3OH-Pentyl	CH2-(1-methylpyrrolidin-2-one-3-yl)
104B	3Me3OH-Pentenyl	-CH2-(1-methylpyrrolidin-2-one-3-
		yi)
105B	3Me3OH-Pentynyl	-CH2-(1-methylpyrrolidin-2-one-3-
		yl)
106B	3Et3OH-Pentyl	-CH2-(1-methylpyrrolidin-2-one-3-
		yi)
107B	3Et3OH-Pentenyl	-CH2-(1-methylpyrrolidin-2-one-3-
		yi)
108B	3Et3OH-Pentynyl	-CH2-(1-methylpyrrolidin-2-one-3-
		yl)
109B	3Me3OH-Pentyl	-CH2CO2Me

110B	3Me3OH-Pentenyl	-CH2CO2Me
111B	3Me3OH-Pentynyl	-CH2CO2Me
112B	3Et3OH-Pentyl	-CH2CO2Me
113B	3Et3OH-Pentenyl	-CH2CO2Me
114B	3Et3OH-Pentynyl	-CH2CO2Me
115B	3Me3OH-Pentyl	-CH2CO2H
1.16B	3Me3OH-Pentenyl	-CH2CO2H
117B	3Me3OH-Pentynyl	-CH2CO2H
118B	3Et3OH-Pentyl	-CH2CO2H
119B	3Et3OH-Pentenyl	-CH2CO2H
120B	3Et3OH-Pentynyl	-CH2CO2H
121B	3Me3OH-Pentyl	-CH2C(O)NH2
122B	3Me3OH-Pentenyl	-CH2C(O)NH2
123B	3Me3OH-Pentynyl	-CH2C(O)NH2
124B	3Et3OH-Pentyl	-CH2C(O)NH2
125B	3Et3OH-Pentenyl	-CH2C(O)NH2
126B	3Et3OH-Pentynyl	-CH2C(O)NH2
127B	3Me3OH-Pentyl	-CH2C(O)NMe2
128B	3Me3OH-Pentenyl	-CH2C(O)NMe2
129B	3Me3OH-Pentynyl	-CH2C(O)NMe2
130B	3Et3OH-Pentyl	-CH2C(O)NMe2
131B	3Et3OH-Pentenyl	-CH2C(O)NMe2
132B	3Et3OH-Pentynyl	-CH2C(O)NMe2
133B	3Me3OH-Pentyl	-CH2C(O)-N-pyrrolidine
134B	3Me3OH-Pentenyl	-CH2C(O)-N-pyrrolidine
135B	3Me3OH-Pentynyl	-CH2C(O)-N-pyrrolidine
136B	3Et3OH-Pentyl	-CH2C(O)-N-pyrrolidine
137B	3Et3OH-Pentenyl	-CH2C(O)-N-pyrrolidine
138B	3Et3OH-Pentynyl	-CH2C(O)-N-pyrrolidine
139B	3Me3OH-Pentyl	-CH2-5-tetrazolyl
140B	3Me3OH-Pentenyl	-CH2-5-tetrazolyl

141B	3Me3OH-Pentynyl	-CH2-5-tetrazolyl
142B	3Et3OH-Pentyl	-CH2-5-tetrazolyl
143B	3Et3OH-Pentenyl	-CH2-5-tetrazolyl
144B	3Et3OH-Pentynyl	-CH2-5-tetrazolyl
145B	3Me3OH-Pentyl	-C(O)C(O)OH
146B	3Me3OH-Pentenyl	-C(O)C(O)OH
147B	3Me3OH-Pentynyl	-C(O)C(O)OH
148B	3Et3OH-Pentyl	-C(O)C(O)OH
149B	3Et3OH-Pentenyl	-C(O)C(O)OH
150B	3Et3OH-Pentynyl	-C(O)C(O)OH
151B	3Me3OH-Pentyl	-СН(ОН)С(О)ОН
152B	3Me3OH-Pentenyl	-СН(ОН)С(О)ОН
153B	3Me3OH-Pentynyl	-СН(ОН)С(О)ОН
154B	3Et3OH-Pentyl	-СН(ОН)С(О)ОН
155B	3Et3OH-Pentenyl	-СН(ОН)С(О)ОН
156B	3Et3OH-Pentynyl	-CH(OH)C(O)OH
157B	3Me3OH-Pentyl	-C(O)C(O)NH2
158B	3Me3OH-Pentenyl	-C(O)C(O)NH2
159B	3Me3OH-Pentynyl	-C(O)C(O)NH2
160B	3Et3OH-Pentyl	-C(O)C(O)NH2
161B	3Et3OH-Pentenyl	-C(O)C(O)NH2
162B	3Et3OH-Pentynyl	-C(O)C(O)NH2
163B	3Me3OH-Pentyl	-CH(OH)C(O)NH2
164B	3Me3OH-Pentenyl	-CH(OH)C(O)NH2
165B	3Me3OH-Pentynyl	-CH(OH)C(O)NH2
166B	3Et3OH-Pentyl	-CH(OH)C(O)NH2
167B	3Et3OH-Pentenyl	-CH(OH)C(O)NH2
168B	3Et3OH-Pentynyl	-CH(OH)C(O)NH2
169B	3Me3OH-Pentyl	-C(O)C(O)NMe2
170B	3Me3OH-Pentenyl	-C(O)C(O)NMe2
171B	3Me3OH-Pentynyl	-C(O)C(O)NMe2

172B	3Et3OH-Pentyl	-C(O)C(O)NMe2
173B	3Et3OH-Pentenyl	-C(O)C(O)NMe2
174B	3Et3OH-Pentynyl	-C(O)C(O)NMe2
175B	3Me3OH-Pentyl	-CH(OH)C(O)NMe2
176B	3Me3OH-Pentenyl	-CH(OH)C(O)NMe2
177B	3Me3OH-Pentynyl	-CH(OH)C(O)NMe2
178B	3Et3OH-Pentyl	-CH(OH)C(O)NMe2
179 <b>B</b>	3Et3OH-Pentenyl	CH(OH)C(O)NMe2
180B	3Et3OH-Pentynyl	-CH(OH)C(O)NMe2
181B	3Me3OH-Pentyl	-CH2CH2CO2H
182B	3Me3OH-Pentenyl	-CH2CH2CO2H
183B	3Me3OH-Pentynyl	-CH2CH2CO2H
184B	3Et3OH-Pentyl	-CH2CH2CO2H
185B	3Et3OH-Pentenyl	-CH2CH2CO2H
186B	3Et3OH-Pentynyl	-CH2CH2CO2H
187B	3Me3OH-Pentyl	-CH2CH2C(O)NH2
188B	3Me3OH-Pentenyl	-CH2CH2C(O)NH2
189B	3Me3OH-Pentynyl	-CH2CH2C(O)NH2
190B	3Et3OH-Pentyl	-CH2CH2C(O)NH2
191B	3Et3OH-Pentenyl	-CH2CH2C(O)NH2
192B	3Et3OH-Pentynyl	-CH2CH2C(O)NH2
193B	3Me3OH-Pentyl	-CH2CH2C(O)NMe2
194B	3Me3OH-Pentenyl	-CH2CH2C(O)NMe2
195B	3Me3OH-Pentynyl	-CH2CH2C(O)NMe2
196B	3Et3OH-Pentyl	-CH2CH2C(O)NMe2
197B	3Et3OH-Pentenyl	-CH2CH2C(O)NMe2
198B	3Et3OH-Pentynyl	-CH2CH2C(O)NMe2
199B	3Me3OH-Pentyl	-CH2CH2-5-tetrazolyl
200B	3Me3OH-Pentenyl	-CH2CH2-5-tetrazolyl
201B	3Me3OH-Pentynyl	-CH2CH2-5-tetrazolyi
202B	3Et3OH-Pentyl	-CH2CH2-5-tetrazolyl

203B	3Et3OH-Pentenyl	-CH2CH2-5-tetrazolyl
204B	3Et3OH-Pentynyl	-CH2CH2-5-tetrazolyl
205B	3Me3OH-Pentyl	-CH2S(O)2Me
206B	3Me3OH-Pentenyl	-CH2S(O)2Me
207B	3Me3OH-Pentynyl	-CH2S(O)2Me
208B	3Et3OH-Pentyl	-CH2S(O)2Me
209B	3Et3OH-Pentenyl	-CH2S(O)2Me
210B	3Et3OH-Pentynyl	-CH2S(O)2Me
211B	3Me3OH-Pentyl	-CH2CH2S(O)2Me
212B	3Me3OH-Pentenyl	-CH2CH2S(O)2Me
213B	3Me3OH-Pentynyl	-CH2CH2S(O)2Me
214B	3Et3OH-Pentyl	-CH2CH2S(O)2Me
215B	3Et3OH-Pentenyl	-CH2CH2S(O)2Me
216B	3Et3OH-Pentynyl	-CH2CH2S(O)2Me
217B	3Me3OH-Pentyl	-CH2CH2CH2S(O)2Me
218B	3Me3OH-Pentenyl	-CH2CH2CH2S(O)2Me
219B	3Me3OH-Pentynyl	-CH2CH2CH2S(O)2Me
220B	3Et3OH-Pentyl	-CH2CH2CH2S(O)2Me
221B	3Et3OH-Pentenyl	-CH2CH2CH2S(O)2Me
222B	3Et3OH-Pentynyl	-CH2CH2CH2S(O)2Me
223B	3Me3OH-Pentyl	-CH2S(O)2Et
224B	3Me3OH-Pentenyl	-CH2S(O)2Et
225B	3Me3OH-Pentynyl	-CH2S(O)2Et
226B	3Et3OH-Pentyl	-CH2S(O)2Et
227B	3Et3OH-Pentenyl	-CH2S(O)2Et
228B	3Et3OH-Pentynyl	-CH2S(O)2Et
229B	3Me3OH-Pentyl	-CH2CH2S(O)2Et
230B	3Me3OH-Pentenyl	-CH2CH2S(O)2Et
231B	3Me3OH-Pentynyl	-CH2CH2S(O)2Et
232B	3Et3OH-Pentyl	-CH2CH2S(O)2Et
233B	3Et3OH-Pentenyl	-CH2CH2S(O)2Et

235B 3Me3OH-Pentyl -CH2CH2CH2S	(O)2Et
	-
236B 3Me3OH-Pentenyl -CH2CH2CH2S	(O)2Et
237B 3Me3OH-Pentynyl -CH2CH2CH2S	(O)2Et
238B 3Et3OH-Pentyl -CH2CH2CH2S	(O)2Et
239B 3Et3OH-Pentenyl -CH2CH2CH2S	(O)2Et
240B : 3Et3OH-Pentynyl -CH2CH2CH2S	(O)2Et
241B 3Me3OH-Pentyl -CH2S(O)2i	Pr
242B 3Me3OH-Pentenyl -CH2S(O)2i	Pr
243B 3Me3OH-Pentynyl -CH2S(O)2i	Pr
244B 3Et3OH-Pentyl -CH2S(O)2i	Pr
245B 3Et3OH-Pentenyl -CH2S(O)2i	Pr
246B 3Et3OH-Pentynyl -CH2S(O)2i	Pr
247B 3Me3OH-Pentyl -CH2CH2S(O)	)2iPr
248B 3Me3OH-Pentenyl -CH2CH2S(O)	
249B 3Me3OH-Pentynyl -CH2CH2S(O)	)2iPr
250B 3Et3OH-Pentyl -CH2CH2S(O)	)2iPr
251B 3Et3OH-Pentenyl -CH2CH2S(O)	)2iPr
252B 3Et3OH-Pentynyl -CH2CH2S(O)	)2iPr
253B 3Me3OH-Pentyl -CH2S(O)2tl	Bu
254B 3Me3OH-Pentenyl -CH2S(O)2ti	Bu
255B 3Me3OH-Pentynyl -CH2S(O)2tl	
256B 3Et3OH-Pentyl -CH2S(O)2tl	Bu
257B 3Et3OH-Pentenyl -CH2S(O)2t	Bu
258B 3Et3OH-Pentynyl -CH2S(O)2tl	
259B 3Me3OH-Pentyl -CH2CH2S(O)	
260B 3Me3OH-Pentenyl -CH2CH2S(O)	
261B 3Me3OH-Pentynyl -CH2CH2S(O)	
262B 3Et3OH-Pentyl -CH2CH2S(O)	2tBu
263B 3Et3OH-Pentenyl -CH2CH2S(O)	2tBu
264B 3Et3OH-Pentynyl -CH2CH2S(O)	2tBu

266B         3Me3OH-Pentenyl         -CH2CH2S(O)2NH2           267B         3Me3OH-Pentynyl         -CH2CH2S(O)2NH2           268B         3Et3OH-Pentyl         -CH2CH2S(O)2NH2           269B         3Et3OH-Pentenyl         -CH2CH2S(O)2NH2           270B         3Et3OH-Pentynyl         -CH2CH2S(O)2NH2           271B         3Me3OH-Pentyl         -CH2CH2S(O)2NMe2           272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me
268B         3Et3OH-Pentyl         -CH2CH2S(O)2NH2           269B         3Et3OH-Pentenyl         -CH2CH2S(O)2NH2           270B         3Et3OH-Pentynyl         -CH2CH2S(O)2NH2           271B         3Me3OH-Pentyl         -CH2CH2S(O)2NMe2           272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentynyl         -C(O)CH2CH2S(O)2Me
269B         3Et3OH-Pentenyl         -CH2CH2S(O)2NH2           270B         3Et3OH-Pentynyl         -CH2CH2S(O)2NH2           271B         3Me3OH-Pentyl         -CH2CH2S(O)2NMe2           272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me
270B         3Et3OH-Pentynyl         -CH2CH2S(O)2NH2           271B         3Me3OH-Pentyl         -CH2CH2S(O)2NMe2           272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me
271B         3Me3OH-Pentyl         -CH2CH2S(O)2NMe2           272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
272B         3Me3OH-Pentenyl         -CH2CH2S(O)2NMe2           273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me
273B         3Me3OH-Pentynyl         -CH2CH2S(O)2NMe2           274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
274B         3Et3OH-Pentyl         -CH2CH2S(O)2NMe2           275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
275B         3Et3OH-Pentenyl         -CH2CH2S(O)2NMe2           276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
276B         3Et3OH-Pentynyl         -CH2CH2S(O)2NMe2           277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           283B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
277B         3Me3OH-Pentyl         -C(O)CH2S(O)2Me           278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
278B         3Me3OH-Pentenyl         -C(O)CH2S(O)2Me           279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
279B         3Me3OH-Pentynyl         -C(O)CH2S(O)2Me           280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Bt3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
280B         3Et3OH-Pentyl         -C(O)CH2S(O)2Me           281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
281B         3Et3OH-Pentenyl         -C(O)CH2S(O)2Me           282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
282B         3Et3OH-Pentynyl         -C(O)CH2S(O)2Me           283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
283B         3Me3OH-Pentyl         -C(O)CH2CH2S(O)2Me           284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
284B         3Me3OH-Pentenyl         -C(O)CH2CH2S(O)2Me           285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
285B         3Me3OH-Pentynyl         -C(O)CH2CH2S(O)2Me           286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
286B         3Et3OH-Pentyl         -C(O)CH2CH2S(O)2Me           287B         3Et3OH-Pentenyl         -C(O)CH2CH2S(O)2Me
287B 3Et3OH-Pentenyl -C(O)CH2CH2S(O)2Me
288B 3Et3OH-Pentynyl -C(O)CH2CH2S(O)2Me
289B 3Me3OH-Pentyl -CH2CH2CH2S(O)2NH2
290B 3Me3OH-Pentenyl -CH2CH2CH2S(O)2NH2
291B 3Me3OH-Pentynyl -CH2CH2CH2S(O)2NH2
292B 3Et30H-Pentyl -CH2CH2CH2S(O)2NH2
293B 3Et3OH-Pentenyl -CH2CH2CH2S(O)2NH2
294B 3Et3OH-Pentynyl -CH2CH2CH2S(O)2NH2
295B 3Me3OH-Pentyl -S(O)2Me

296B	3Me3OH-Pentenyl	-S(O)2Me
297B	3Me3OH-Pentynyl	-S(O)2Me
298B	3Et3OH-Pentyl	-S(O)2Me
299B	3Et3OH-Pentenyl	-S(O)2Me
300B	3Et3OH-Pentynyl	-S(O)2Me
301B	3Me3OH-Pentyl	-S(O)2Et
302B	3Me3OH-Pentenyl	-S(O)2Et
303B	3Me3OH-Pentynyl	-S(O)2Et
304B	3Et3OH-Pentyl	-S(O)2Et
305B	3Et3OH-Pentenyl	-S(O)2Et
306B	3Et3OH-Pentynyl	-S(O)2Et
307B	3Me3OH-Pentyl	-S(O)2iPr
308B	3Me3OH-Pentenyl	-S(O)2iPr
309B	3Me3OH-Pentynyl	-S(O)2iPr
310B	3Et3OH-Pentyl	-S(O)2iPr
311B	3Et3OH-Pentenyl	-S(O)2iPr
312B	3Et3OH-Pentynyl	-S(O)2iPr
313B	3Me3OH-Pentyl	-S(O)2tBu
314B	3Me3OH-Pentenyl	-S(O)2tBu
315B	3Me3OH-Pentynyl	-S(O)2tBu
316B	- 3Et3OH-Pentyl	-S(O)2tBu
317B	3Et3OH-Pentenyl	-S(O)2tBu
318B	3Et3OH-Pentynyl	-S(O)2tBu
319B	3Me3OH-Pentyl	-S(O)2NH2
320B	3Me3OH-Pentenyl	-S(O)2NH2
321B	3Me3OH-Pentynyl	-S(O)2NH2
322B	3Et3OH-Pentyl	-S(O)2NH2
323B	3Et3OH-Pentenyl	-S(O)2NH2
324B	3Et3OH-Pentynyl	-S(O)2NH2
325B	3Me3OH-Pentyl	-S(O)2NMe2
326B	3Me3OH-Pentenyl	-S(O)2NMe2